

2004 Community Health Survey
Springfield-Greene County Health Department

Survey Completed by the Ozark's Public Health Institute

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The Missouri Foundation for Health

Foreword

The state of the community's health consists of more than the mere presence or absence of disease. Many social, economic, environmental, and lifestyle behavior factors present in Greene County contribute to the health status of residents and visitors. Because of this, it is important to periodically assess the current health status and disease trends that have developed over time. The collection, analysis, and dissemination of health data are critical to public health. This process helps to identify issues and problems in the community so that a better understanding of what is occurring can be obtained. The community health assessment process is a vital component of public health efforts that contribute to a healthy community by guiding strategic planning.

This community health survey is an important component of the *State of the Community's Health* 2004 report completed by the Springfield-Greene County Health Department. This original countywide survey focused on behavioral risk factors and prevention issues. The county-specific data collected by this survey helps to reveal the extent of several risk factors present among Greene County residents. However, health data for many issues facing our community continues to be fragmented and difficult to obtain.

This report represents the initial step in assessing the community's health. Community leaders, organizations, and planners will begin to discuss issues raised by the information presented to prioritize those issues that should be addressed and identify tasks. In addition, the residents of Greene County should review this information so that suggestions for improvement can be made and comments can be shared with the Springfield-Greene County Health Department.

The easy part of this process is completing the initial assessment document. The more difficult part of the process is putting this data to work and addressing the health disparities and burdens that affect this community. Fortunately, this process is also the most rewarding. It is a credit to this community that we have a heritage of collaboration and innovation when it comes to addressing health related problems. I have every confidence that the next decade will see our community continue in the tradition. We believe that through hard work and dedication there are no limits to what this community can do.

Kevin S. Gipson
Director, Springfield-Greene County Health Department

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Introduction

This community health survey was conducted through a contract with the Ozarks Public Health Institute during the Spring of 2004. Confidentiality of the health information was maintained according to HIPPA regulations. Personal identifiers were removed to guarantee complete confidentiality in the collection and presentation of the data. Using random telephone number dialers a random sample of 802 respondents over the age of 18 from the resident population of Greene County was obtained. This number of completed surveys provided the necessary sample size to ensure a confidence interval for the data collected of $\pm 3.5\%$ ($\alpha=0.05$). Additionally Southwest Missouri State University's Institutional Review Board regarding human subjects research reviewed and approved the survey per established regulations and protocols.

By reviewing the behavioral risk factor surveys developed by the Centers for Disease Control and Prevention and other community health surveys developed by local public health departments, the Springfield-Greene County Health department tailored the survey to collect specific health indicators of county residents. A Pearson Chi-Square statistical analysis of the data was then performed to determine the statistical relationship between different data items.

From this analysis it was possible to present the data collected by the various health questions according to characteristics of the respondent such as age group, gender, income, and educational attainment. This information is very valuable because it helps to identify risk factors by groups within the community. From this data it is possible to develop a better understanding of the issues and how to target interventions to specific groups.

Unfortunately, there are limitations to this data. The completed survey has met a number of technical standards that allow it to have a high degree of statistical significance, such as the needed randomization and sample size for the population examined. However, inherent issues of survey research such as lack of responses, self-reporting, and recollection errors are more problematic.

A review of the survey responses follows. Each question was placed in a general section as listed in the table of contents. Many useful data items included in the responses help to provide insight into a number of health issues in the community. It is hoped that this survey will act as a resource and a catalyst for community planners, organizations, and residents as new initiatives and strategic plans are developed.

Demographics

The demographic characteristics of the 802 survey respondents are shown below in following tables and figures. The demographic characteristics of the survey respondents were similar to the characteristics observed in the general population of Greene County as recorded during the 2000 census. This comparison allows for an estimation of how well the demographic characteristics of the survey respondents represented the general population.

Age of Respondents-Greene County Health Survey, 2004	
Average Age	45.6
Median Age	43

n=791

Gender of Respondents-Greene County Health Survey, 2004	
Gender	Percent
Male	39.5
Female	60.5

n=802

Employment Status-Greene County Health Survey, 2004	
	Percent
Full Time	46.9
Part Time	9.9
Self Employed	5.1
Not Employed	38.1

n=801

Main Reason For Not Working-Greene County Health Survey, 2004	
	Percent
Illness or Disability	16.5
Cannot Find Work	4.6
Retired	50.2
Taking Care of Family	16.5
Going to School	7.9
Other	4.3

n=497

Comparison of Racial and Ethnic Characteristics of Survey Respondents and Greene County Population

	White	African American /Black	Asian	Hispanic/Latino	Native American/Alaskan Native	Mixed Race	Other
Percent of Respondents	93.1	2.3	0.8	1.1	1.5	0.9	0.4
Greene County (%)	92.5	2.3	1.2	1.8	0.7	--	--

n=793

Reported Income-Greene County Health Survey, 2004

Percent Within Income Range				
	Less Than \$20,000	\$20,000-\$29,999	\$30,000-\$49,999	Over \$50,000
Respondents	28.1	20.4	25.5	26.0
Greene County	26.8	16.6	26.1	30.6

n=588

Educational Attainment-Greene County, 2004

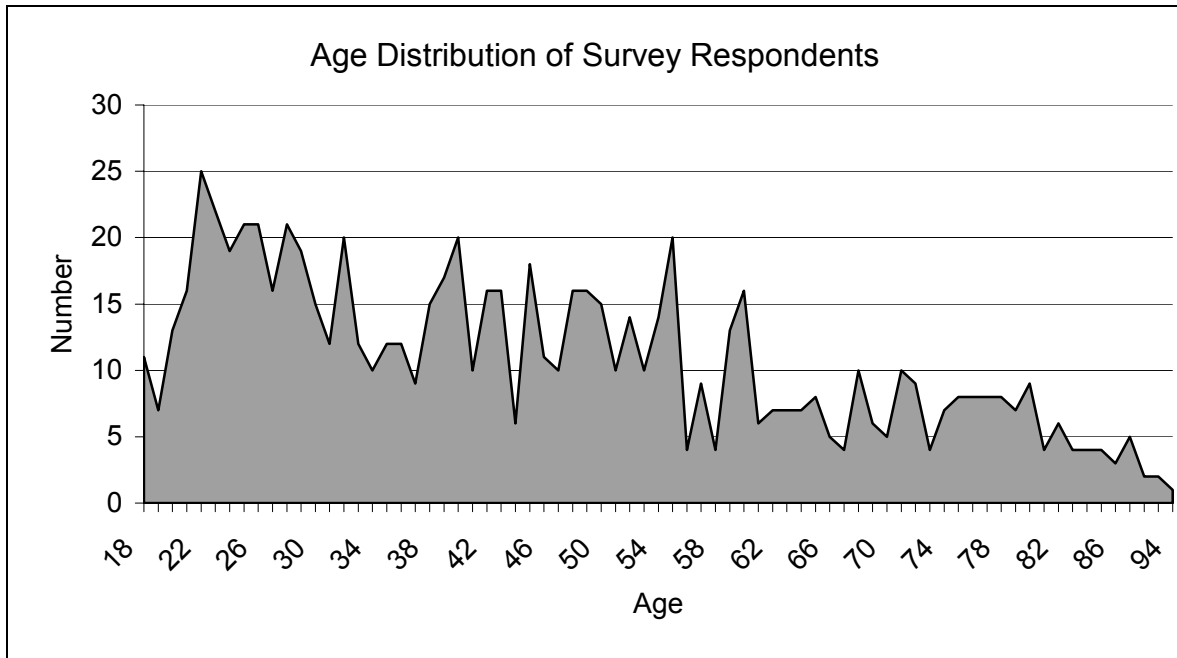
	Percent			
	<12 Years	High School Grad	Some College	College Degree and Beyond
Respondents	12.2	34.0	28.0	25.9
Greene County	15.3	30.8	25.1	28.8

n=789

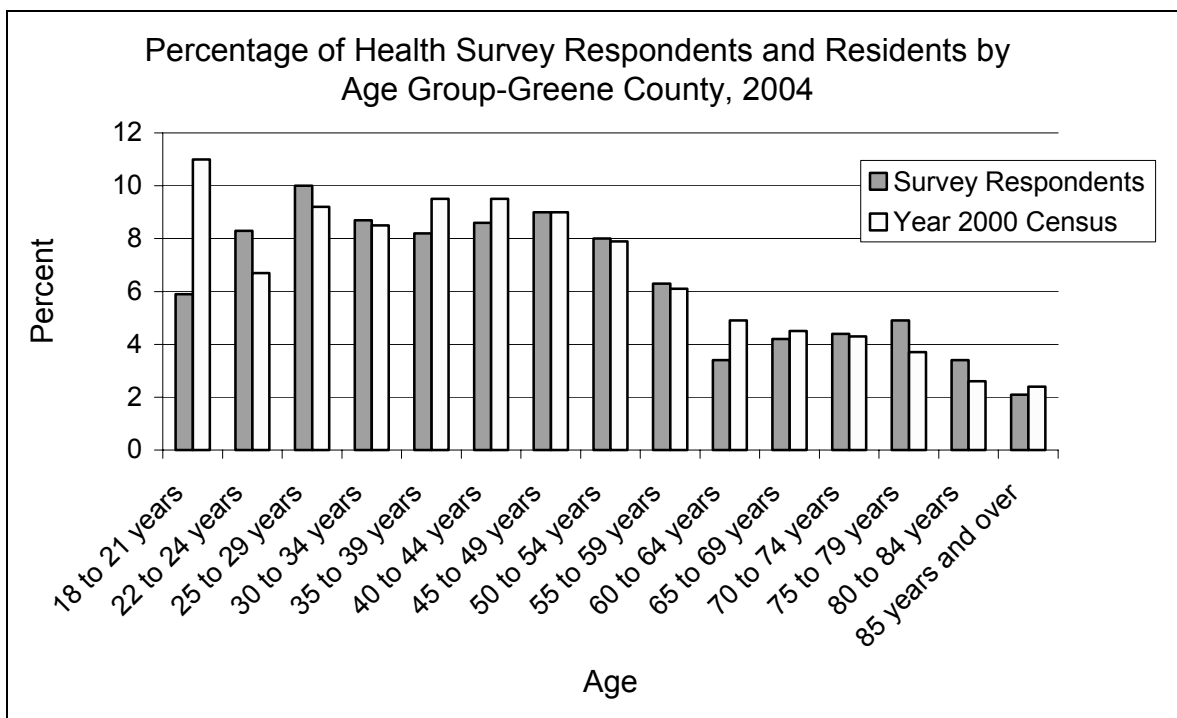
Social Benefits/Programs Utilized by Respondents or Their Families-Greene County, 2004

	Percent	
	Yes	No
Food Stamps	9.0	91.0
TANF	0.9	99.1
Housing Assistance	1.5	98.5
Medicaid	14.5	85.5
Respite Care	0.4	99.6
Subsidized Child Care	1.2	98.8
Other	3.5	96.5

n=802



n=788



n=788

Marital Status- Greene County Health Survey, 2004	
	Percent
Married	49.6
Divorced	17.2
Widowed	11.8
Separated	0.9
Unmarried Couple	3.5

n=789

Zip Code Distribution of Survey Respondents- Greene County Health Survey, 2004	
Zip code	Percent
65604	1.4
65612	0.5
65619	1.2
65648	1.7
65725	0.6
65738	5.2
65757	3.0
65770	0.2
65781	3.2
65802	20.0
65803	19.6
65804	12.6
65806	4.6
65807	18.6
65809	2.2
65810	5.2

n=802

For data analysis respondents from these reported ZIP codes were re-classified as being from North Springfield, South Springfield, or Rural Greene County. North Springfield ZIP codes included 65802, 65803, and 65806. South Springfield ZIP codes included 65804, 65807, 65809, and 65810. Rural ZIP codes were all those which were outside the City limits of Springfield. Rural ZIP Codes included 65648, 65757, 65738, 65781, 65612, 65619, 65725, and 65770.

Tobacco Smoking Issues

Tobacco use has been shown to cause numerous types of cancer in many areas of the body; to contribute to heart disease, strokes, and other cardiovascular conditions; to exacerbate conditions such as diabetes and asthma; and has been linked to sudden infant death syndrome (SIDS). The survey results indicated that 24.9% of respondents smoked everyday, with 30% of males and 21.6% of females indicating that they smoked everyday. Among Greene County residents surveyed, 49.6% indicated that they had smoked at least 100 cigarettes in their life.

Tobacco Smoking Questions-Greene County, 2004			
	Yes	No	Don't Know
Have You Smoked at Least 100 Cigarettes in Your Life? (All Respondents)	49.6	49.1	
Have You Tried to Quit Smoking in The Past 12 Months? (Current Smokers)	53.8	46.2	
Does Your Place of Work Have an Official Smoking Policy? (All employed respondents)	62.0	34.4	3.6
Ever Been Advised by A Physician or Health Care Provider to Quit Smoking?	31.1	61.8	0.7

Current Cigarette Smokers-Greene County, 2004	
	Total Population Surveyed (%)
Every Day	24.9
Some Days	4.2

n=802

Percent of Tobacco Smoking By Educational Attainment -Greene County, 2004				
<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
35.4	34.3	19.9	13.2	24.9

n=789

Percent of Tobacco Smoking By Area -Greene County, 2004			
	North Springfield	South Springfield	Rural Greene County
Every Day	32.2	17.1	23.9

n=802

Age When First Cigarette Smoked Among “Everyday” and “Some Days” Smokers-Greene County Health Survey, 2004	
Age	Percent
<10 Years Old	6.8
10 to 14	36.8
15-18	38.9
19-21	8.1
22-25	6.0
26-30	1.7
Don't Know	1.7

n=234

Age When Person First Started Smoking Regularly Among All Former and Current Smokers-Greene County, 2004	
Age	Percent
<10 Years Old	1.5
10 to 14	17.1
15-18	51.2
19-21	15.6
22-25	6.2
26-30	2.7
>30	1.2
Don't Know	1.7

n=393

Frequency of Tobacco Smoking By Household Income Among Those Who Smoked At Least 100 Cigarettes In Their Lifetime -Greene County, 2004				
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Every Day	31.1	34.0	30.5	28.4
Some Days	6.8	3.8	6.3	5.3
Not at All	62.2	62.3	63.3	66.3

Frequency of Tobacco Smoking By Educational Attainment Among Those Who Smoked At Least 100 Cigarettes In Their Lifetime -Greene County, 2004					
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Every Day	53.1	60.9	42.3	32.9	49.1
Some Days	6.3	7.3	9.6	11.0	8.5
Not at All	40.6	31.8	48.1	56.1	42.4

Frequency of Tobacco Smoking By Area Among Those Who Smoked At Least 100 Cigarettes In Their Lifetime-Greene County, 2004				
	North Springfield	South Springfield	Rural Greene County	Total
Every Day	56.2	38.1	52.4	49.4
Some Days	6.9	11.5	6.3	8.4
Not at All	36.9	50.4	41.3	42.2

Percentage of Places of Employment With An Official Smoke-Place Policy By Household Income of Respondents-Greene County, 2004				
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Yes	60.5	53.6	62.8	73.8
No	34.6	42.9	33.1	23.8
Don't Know	4.9	3.6	4.1	2.3

Percentage of Places of Employment With An Official Smoke-Place Policy By Area-Greene County, 2004				
	North Springfield	South Springfield	Rural Greene County	Total
Yes	62.1	61.0	63.9	62.0
No	34.6	33.8	35.1	34.4
Don't Know	3.3	5.2	1.0	3.7

Percentage of Places of Employment With An Official Smoke-Place Policy By Educational Attainment of Respondent-Greene County, 2004					
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Yes	53.7	57.8	59.6	70.5	61.9
No	46.3	37.8	36.3	26.5	34.6
Don't Know	0.0	4.3	4.1	3.0	3.5

Health Insurance

Health insurance coverage is becoming more difficult for many families to afford. In Greene County, 17.1% of residents surveyed indicated that they did not have health insurance and 56.5% indicated that they did not have dental insurance. Both of these issues can negatively affect the health of the community, as routine dental and health care check-ups are not received. Early detection and treatment of diseases are vital to preventing more complicated effects of chronic diseases.

Health Care and Health Insurance Questions-Greene County, 2004		
	Yes	No
Do You Have Health Insurance?	82.8	17.1
Do You Have Dental Insurance?	42.5	56.5
Do You Have a Personal Doctor or Health Care Provider?	74.9	24.9
Was There a Time in The Past 12 Months When You Tried to Get Medical Care But Couldn't?	11.1	88.4

n=802

Type of Health Insurance Coverage-Greene County 2004	
	Percent
Private-Traditional	29.0
Managed Care (HMO, PPO)	38.9
Medicaid	13.2
Medicare	21.5
VA/CHAMPUS	3.2
Other	2.7
Don't Know	2.6

n=665 (number of respondents with health insurance)

Reason for Not Having Health Insurance Coverage-Greene County, 2004	
	Percent
Couldn't Afford	29.5
Lost Job	25.8
Employer Doesn't Offer/Quit Offering	12.1
Became Ineligible (Age, Left School)	3.0
Ins. Company Refused Coverage	2.3
Spouse/Parent Died	1.5
Divorce/Separated	1.5
Benefits From Employer or Former Ran Out	1.5
Spouse/Parent Lost/Changed Jobs	1.5
Cut to Part Time, Became Temp. Employee	0.8
Lost Medical Assistance Eligibility	0.8
Other	19.7

n=132

**Length of Time Without Health Insurance
Coverage-Greene County, 2004**

	Percent
Within Past 6 Months	21.2
Within Past Year	15.3
Within Past 2 Years	16.8
Within Past 3 Years	3.6
Within Past 5 Years	6.6
More Than 5 Years	31.4
Don't Know	5.1

n=137

**Method of Payment For Health Care-Greene
County, 2004**

	Yes	No
No Insurance/Pay Cash	18.2	81.8
Health Insurance	57.4	42.6
Medicaid	11.0	89.0
Medicare	15.6	84.4
Medicare Supplemental Insurance	2.2	97.8
Veterans Administration	1.1	98.9
Indian Health Insurance	0.1	99.9
Other	3.2	96.8

n=802

Health Care/Dental Care

Access to routine health and dental care is an important issue that can impact the health of the community. The following tables present information obtained from survey respondents regarding health care seeking behavior.

Where Routine Care Is Sought-Greene County, 2004	
	Percent
Doctors Office	71.7
Medical Clinic	15.0
Hospital Emergency Room	5.1
Health Department	1.1
Don't seek	6.7

n=802

Length of Time Since Last Routine Doctor Visit/Check-up-Greene County, 2004	
	Percent
Within Past Year	74.4
Within Past 2 Years	9.1
Within Past 3 Years	2.9
Within Past 5 Years	3.5
More Than 5 Years	8.2
Don't Know	1.7

n=802

Length of Time Since Last Doctor Visit By Area-Greene County, 2004				
	Percent			
	North Springfield	South Springfield	Rural Greene County	Total
Past year	72.9	77.7	71.7	74.5
Two Years	8.5	9.1	10.9	9.1
3 Years	3.7	2.6	1.4	2.9
4 Years	3.4	3.9	2.9	3.5
Within 5 Years	10.2	5.5	9.4	8.2
> 5 years	1.4	1.3	3.6	1.7

**Number of Visits To Emergency Room or Urgent Care
in Past 12 Months For Asthma-Greene County, 2004**

Number of ER Visits	Percent
0	67.7
1	12.9
2	8.1
3	4.8
4	1.6
6	1.6
12	1.6
24	1.6

n=62

**Length of Time Since Last Dentist or
Dental Clinic Visit-Greene County, 2004**

	Percent
Within Past Year	58.5
Within Past 2 Years	12.9
Within Past 5 Years	8.8
More Than 5 Years	17.0
Never	1.5
Don't Know	1.4

n=800

Over 11% of survey respondents reported that they were unable to access routine medical care within the past year when needed. Reasons for not receiving medical care are presented below.

**Reason For Not Receiving Medical Care When
Needed-Greene County, 2004**

	Percent
Cost	68.5
Provider Couldn't Speak My Language	16.9
Office Closed by Time I Could Get There	5.6
Other	3.4
Too Long to Wait For an Appointment	2.2
No Child Care	1.1
Distance	1.1
Don't know	1.1

n=89

Dental Health Issues

Dental health is an important and often overlooked issue. Dental health contributes to overall health and can impact areas of self-esteem and self-image. The following tables help to provide an overview of dental care in Greene County.

Number of Permanent Teeth Removed Due to Decay or Gum Disease-Greene County, 2004	
Number of Teeth	Percent
1 to 5	26.9
6 or More	9.9
All of Them	9.9
None	51.6
Don't Know	1.8

n=799

Length of Time Since Teeth Cleaned by Dentist or Dental Hygienist-Greene County, 2004	
	Percent
Within Past Year	52.8
Within Past 2 Years	13.5
Within Past 5 Years	8.3
More Than 5 Years	19.5
Never	3.1
Don't Know	2.9

n=800

Length of Time since Last Dental Visit By Area -Greene County, 2004				
	Percent			
	North Springfield	South Springfield	Rural Greene County	Total
Past Year	50.9	69.5	58.4	59.3
Two Years	13.4	13.2	11.7	13.1
Within 5 Years	10.3	7.6	8.0	8.9
> 5 years	23.1	8.9	20.4	17.2
Never	2.3	0.7	1.5	1.5

Length of Time Since Last Dental Visit By Educational Attainment -Greene County, 2004

	Percent				
	< High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Past Year	34.8	57.0	63.0	71.0	59.5
Two Years	14.1	11.0	15.5	12.0	12.9
Within 5 Years	9.8	9.5	7.8	9.0	8.9
> 5 years	40.2	21.3	12.3	7.5	17.4
Never	1.1	1.1	1.4	0.5	1.4

Number of Permanent Teeth Removed Because of Gum Disease or Decay By Area-Greene County, 2004

	Percent			
	North Springfield	South Springfield	Rural Greene County	Total
1 to 5	27.8	27.6	25.9	27.4
6 or More	13.2	7.3	8.1	10.1
All	12.3	6.0	13.3	10.1
None	46.7	59.1	52.6	52.5

Number of Permanent Teeth Removed Because of Gum Disease or Decay By Educational Attainment-Greene County, 2004

	Percent				
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
1 to 5	22.6	31.3	28.8	21.8	27.1
6 or More	17.2	13.2	8.2	4.6	10.1
All	22.6	13.6	7.3	2.5	10.1
None	37.6	41.9	55.7	71.1	52.7

Number of Permanent Teeth Removed Because of Gum Disease or Decay By Household Income-Greene County, 2004

	Percent			
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
1 to 5	16.2	27.7	30.9	22.8
6 or More	12.0	8.4	6.7	10.1
All	20.4	11.8	6.0	2.0
None	35.6	52.1	56.4	65.1

Length of Time Since Last Dental Cleaning By Area-Greene County, 2004				
	Percent			
	North Springfield	South Springfield	Rural Greene County	Total
Past Year	46.4	64.2	52.6	54.3
Two Years	14.6	14.4	11.1	13.9
Within 5 Years	9.0	8.4	7.4	8.5
> 5 years	25.7	11.4	25.2	20.1
Never	4.4	1.7	3.7	3.2

Length of Time Since Last Dental Cleaning By Household Income-Greene County, 2004				
	Percent			
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Past Year	38.6	42.9	60.4	71.7
Two Years	13.9	15.1	12.1	11.8
Within 5 Years	10.1	10.9	10.1	6.6
> 5 years	32.9	27.7	16.1	7.9
Never	4.4	3.4	1.3	2.0

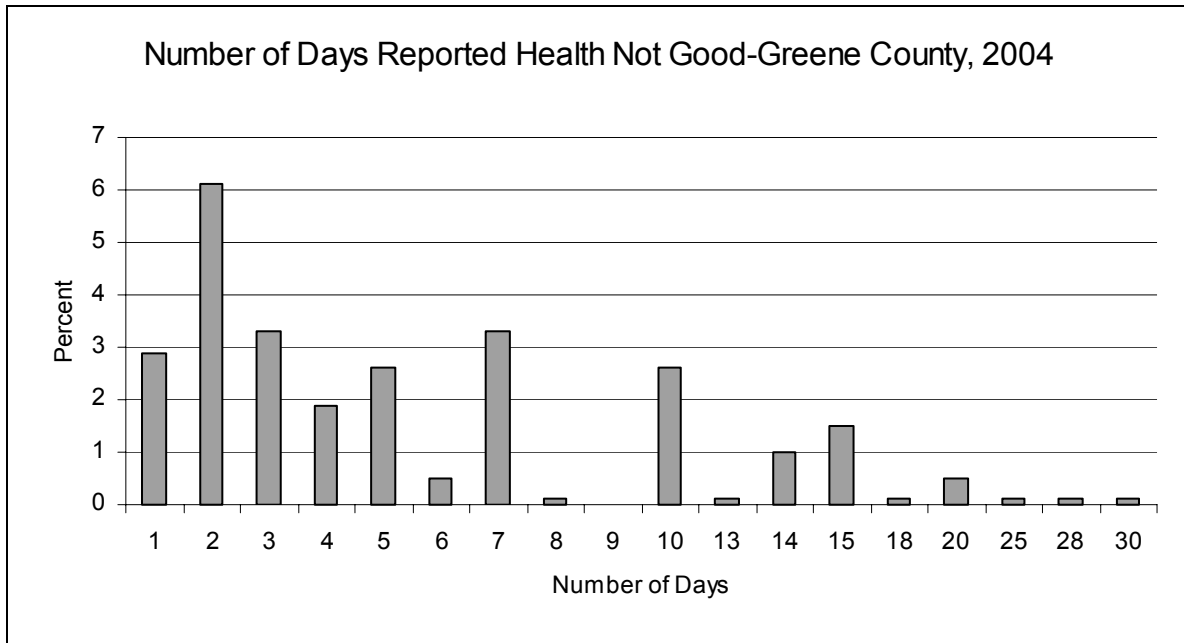
Length of Time Since Last Dental Cleaning By Educational Attainment-Greene County, 2004					
	Percent				
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Past Year	27.5	52.0	53.9	69.2	54.4
Two Years	9.9	11.0	19.8	12.9	13.8
Within 5 Years	5.5	10.2	8.8	7.5	8.5
> 5 years	47.3	23.2	15.7	9.0	20.1
Never	9.9	3.5	1.8	1.5	3.3

Chronic Disease (Incidence and Screening)

Screening tests are an important part of routine health care. Early diagnosis of disease can result in better treatment outcomes for patients, disease management, and prevention of more debilitating disease.

Chronic Disease Prevention and Treatment Questions-Greene County, 2004*		
	Yes	No
Diabetes		
Have You Taken a Course or Class to Learn How to Manage Your Diabetes?	56.1	42.1
Are You Currently Taking Insulin?	28.1	71.9
Women's Health		
Have You Had a Clinical Breast Exam?	86.2	11.9
Have You Ever Had a Pap Smear?	92.8	6.1
Have You Had a Hysterectomy?	22.7	76.6
Men's Health		
Have You Ever Had a Prostate Specific Antigen (PSA) Test?	25.6	70.7
Have You Ever Had a Digital Rectal Exam?	34.3	64.2
Screening and Prevention		
Have You Ever Had a Blood Stool Test Using a Home Test Kit?	25.9	72.6
Have You Ever Had a Sigmoidoscopy or Colonoscopy?	20.1	79.1
Are You Taking Medicine For Your High Blood pressure?	69.5	30.5
Have You Ever Had Your Blood Cholesterol Checked?	70.0	27.1
Have You Ever Been Taught About HIV/AIDS in School?	43.0	16.6
Did You Get a Flu Shot Last Year?	39.3	60.5
Has a Physician Talked to You About Preventing STDs Through Condom Use?	17.2	82.3

*Percentages that do not add up to 100% are the result of "Don't Know" Responses



n=797

Length of Time Since Last Procedure, Percent of Respondents-Greene County, 2004							
	Within Past Year	Within Past 2 Years	Within Past 3 Years	Within Past 5 Years	More Than 5 Years	Never	Don't Know
Women							
Pap Smear	66.1	12.8	4.4	2.3	13.1		1.4
Clinical Breast Exam	76.8	10.6	3.0	2.7	5.4	0.2	1.2
Mammogram	39.4	8.3	3.0	3.2	4.0	40.3	1.9
Male							
Prostate Specific Antigen (PSA) Test	66.7	10.7	10.7	2.4	6.0		3.6
Digital Rectal Exam	49.1	14.3	8.9	9.8	15.2		2.7
Both Genders							
Blood Stool Test Using a Home Kit	48.6	14.4	5.3	12.0	13.0	1.0	5.8
Sigmoidoscopy or Colonoscopy	36.6	24.2	12.4	13.0	11.8	0.6	1.2
Blood Cholesterol	73.4	12.1	3.8	4.8	3.9		2.0

n=802

Respondents Diagnosed by a Health Professional-Greene County, 2004		
	Yes	No
Asthma	11.5	88.5
Diabetes	7.2	92.8
Prostate Cancer	1.2	98.2
High Blood Pressure	29.1	70.2
High Blood Cholesterol	34.3	64.7

n=802

Respondent or Family Member Living With Disease-Greene County, 2004		
	Yes	No
Diabetes	25.2	74.8
Cancer	21.8	78.2
Heart Disease	20.4	79.6
Lung Disease/Asthma	18.8	81.2
HIV/AIDS	0.9	99.1
Alcohol and Drug Dependency	9.5	90.5
High Blood Pressure	35.5	64.5
Hepatitis	2.6	94.7
Arthritis	28.8	71.2
Hearing/Vision Loss	19.8	80.2

n=802

Age When Diagnosed With Diabetes-Greene County, 2004	
Age	Percent
16-20	7.40
21-25	7.40
26-30	1.85
31-35	3.70
36-40	12.96
41-45	9.25
46-50	9.25
51-55	11.11
56-60	11.11
61-65	3.70
66-70	5.56
71-75	7.40
>75	3.70
Total For All Respondents	7.1%

Percentage of Those Respondents With Diabetes Who Monitor Blood Glucose Daily- Greene County, 2004						
	Number of Times Blood Glucose is Checked					
	0	1	2	3	4	5
Per Day (n=40)	7.5	32.5	25.0	10.0	12.5	5.0
Per Week (n=14)		42.9	28.6	7.1	14.3	7.1

n=57

Additionally, 5.2% of respondents with diabetes indicated that they checked their blood glucose only 2 to 3 times per month.

Number of Visits to a Health Professional in the Past 12 Months for Diabetes-Greene County, 2004	
Number of Visits	Percent
0	12.3
1	10.5
2	21.1
3	14
4	17.5
5	7.0
12	7.0
13	1.8
40	1.8
52	1.8
Don't know	5.3

n=57

Diabetes

Diabetes is becoming a more problematic disease in Greene County. Obesity, poor nutrition, and sedentary lifestyles contribute to more adults and children developing this disease. The following tables provide a profile of those diagnosed with diabetes within the community. This is important as disease interventions are developed and implemented.

Percentage of Those Diagnosed With Diabetes By Area-Greene County, 2004				
	North Springfield	South Springfield	Rural Greene County	Total
Yes	8.8	5.6	6.6	7.2
No	91.2	94.4	93.4	92.8

Percentage of Those Diagnosed With Diabetes By Educational Attainment-Greene County, 2004					
	< High School	High School/GED	Some College	Bachelors and Beyond	Total
Yes	9.5	9.0	6.3	5.0	7.2
No	90.5	91.0	93.7	95.0	92.8

Percentage of Those Diagnosed With Diabetes By Household Income-Greene County, 2004				
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Yes	9.1	7.6	6.0	3.9
No	90.9	92.4	94.0	96.1

Number of Times A Health Professional Has Checked the hemoglobin A1c of Respondents With Diabetes By Area- Greene County, 2004				
	Percent			
	North Springfield	South Springfield	Rural Greene County	Total
0	28.6	26.7	37.5	29.4
1	14.3	0.0	0.0	7.8
2	21.4	26.7	12.5	21.6
3	3.6	26.7	12.5	11.8
4	21.4	13.3	37.5	21.6
5	3.6	0.0	0.0	2.0
6	0.0	6.7	0.0	2.0
Never	7.1	0.0	0.0	3.9

Percentage of Those Respondents Diagnosed With Diabetes Who Have Taken A Diabetes Disease Management Course By Area-Greene County, 2004

	North Springfield	South Springfield	Rural Greene County	Total
Yes	53.3	64.7	55.6	57.1
No	46.7	35.3	44.4	42.9

Percentage of Those Respondents Diagnosed With Diabetes Who Have Taken A Diabetes Disease Management Course By Health Insurance Coverage-Greene County, 2004

Disease Management Course	Health Coverage	
	Yes	No
Yes	56.9	60
No	43.1	40

Percentage of Those Respondents Diagnosed With Diabetes Who Have Taken A Diabetes Disease Management Course By Educational Attainment-Greene County, 2004

Disease Management Course	High School/GED or Less	Some College	Bachelors and Beyond	Total
Yes	46.9	71.4	70.0	57.1
No	53.1	28.6	30.0	42.9

Asthma

Asthma is a respiratory condition that is exacerbated by environmental airborne irritants and particles, such as tobacco smoke, air pollution, and pollen. Asthma can severely limit the functioning of children and adults. The following tables provide a profile of those diagnosed with asthma within the community.

Percentage of Those Diagnosed With Asthma By Area-Greene County, 2004			
North Springfield	South Springfield	Rural Greene County	Total
11.3	11.4	11.6	11.5

Percentage of Those Diagnosed With Asthma By Educational Attainment-Greene County, 2004				
< High School	High School/GED	Some College	Bachelors and Beyond	Total
14.6	10.1	13.1	10.3	11.5

Percentage of Those Diagnosed With Asthma By Household Income-Greene County, 2004			
Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
18.2	9.2	12.7	7.2

Number of Emergency Room Visits For Asthma Related Reasons-Greene County, 2004				
	North Springfield	South Springfield	Rural Greene County	Total
0	55.6	47.1	84.6	67.7
1	18.5	2.9	15.4	12.9
2	14.8	2.9	0.0	8.1
3	3.7	5.9	0.0	4.8
4	3.7	0.0	0.0	1.6
5	0.0	0.0	0.0	0.0
6	3.7	0.0	0.0	1.6
12	0.0	2.9	0.0	1.6
24	0.0	2.9	0.0	1.6

Blood Cholesterol Checks

High blood cholesterol has been shown to contribute to increased incidence of cardiovascular diseases. The following tables provide information regarding the utilization of blood cholesterol screening tests among survey respondents.

Length of Time Since Last Blood Cholesterol Screening By Household Income-Greene County, 2004				
	Percent			
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Past Year	78.8	70.7	62.9	74.4
Two Years	14.4	14.7	14.4	13.2
3 Years	2.9	4.0	9.3	3.3
Within 5 Years	1.0	6.7	9.3	5.0
> 5 Years	2.9	4.0	4.1	4.1

Length of Time Since Last Blood Cholesterol Screening By Area-Greene County, 2004				
	Percent			
	North Springfield	South Springfield	Rural Greene County	Total
Past Year	75	76.2	71.1	74.9
Two Years	12.5	12.3	12.2	12.4
3 Years	3.0	3.5	6.7	3.8
Within 5 Years	4.3	4.8	6.7	4.9
> 5 Years	5.2	3.1	3.3	4.0

Length of Time Since Last Blood Cholesterol Screening By Age Group-Greene County, 2004			
	Percent		
	18 to 40	Age 40 to 65	Over 65
Past Year	62.0	76.6	87.9
Two Years	18.7	10.9	7.6
3 Years	7.0	3.8	0.0
Within 5 Years	7.0	4.2	3.8
> 5 Years	5.3	4.6	0.8

**Length of Time Since Last Blood Cholesterol Screening By Age Group-Greene
County, 2004**

	Percent				
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Past Year	90.0	74.3	73.4	71.2	74.8
Two Years	5.0	12.6	11.7	16.0	12.5
3 Years	0.0	4.8	5.8	2.5	3.9
Within 5 Years	3.3	4.2	5.8	5.5	5.0
> 5 Years	1.7	4.2	3.2	4.9	3.9

Mental Health

Responses to the mental health questions on the survey are presented below. Mental health is an important issue that affects many residents in Greene County. Among the respondents in the survey, 2.6% of respondents indicated that they seriously considered suicide within the past 12 months.

Mental Health Questions-Greene County, 2004	
	Percent
	Yes
Have You Seriously Considered Suicide in the Past 12 Months? (n=794)	2.6
Did You Plan Your Suicide in the Past 12 Months? (n=21)	42.9

Number of Times Person Attempted Suicide in The Past 12 Months-Greene County, 2004	
Number of Attempts	Percent
0	52.4
1 Time	14.3
2 to 3 Times	23.8
4 to 5 Times	4.8
6 or More Times	4.8

n=9 (Those who planned their suicide in past 12 months)

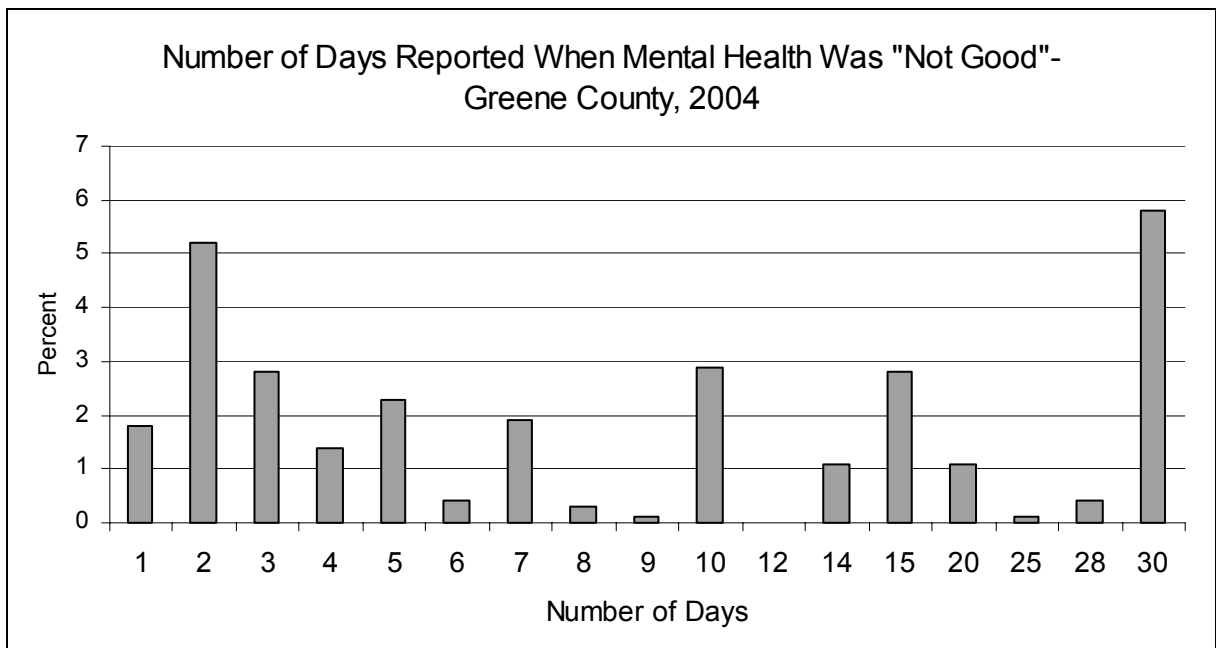
Percentage of Those Who Have Seriously Considered Suicide Within The Past Year By Household Income-Greene County, 2004			
Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
6.2	3.3	1.3	1.3

Percentage of Those Who Have Seriously Considered Suicide Within The Past Year By Educational Attainment-Greene County, 2004				
<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
3.2	1.9	3.2	2.5	2.6

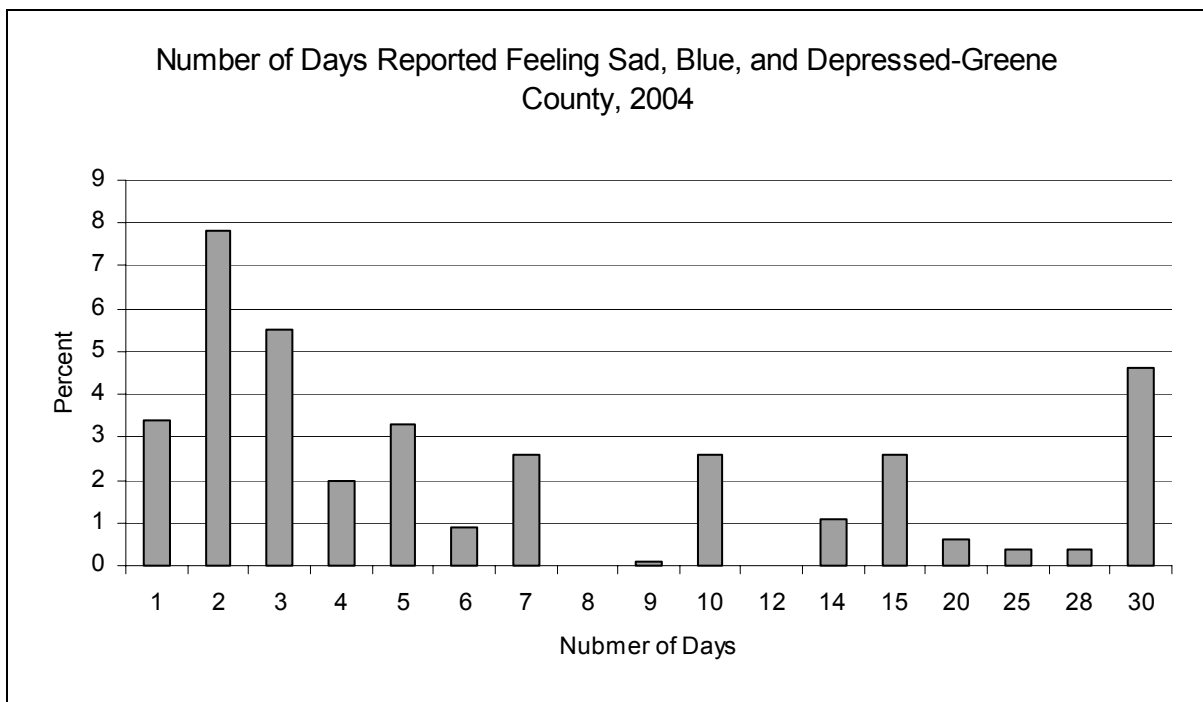
Percentage of Those Who Have Seriously Considered Suicide Within The Past Year By Area-Greene County, 2004			
North Springfield	South Springfield	Rural Greene County	Total
3.7	1.6	2.2	2.6

**Percentage of Those Who Have Seriously Considered Suicide Within
The Past Year By Age Group-Greene County, 2004**

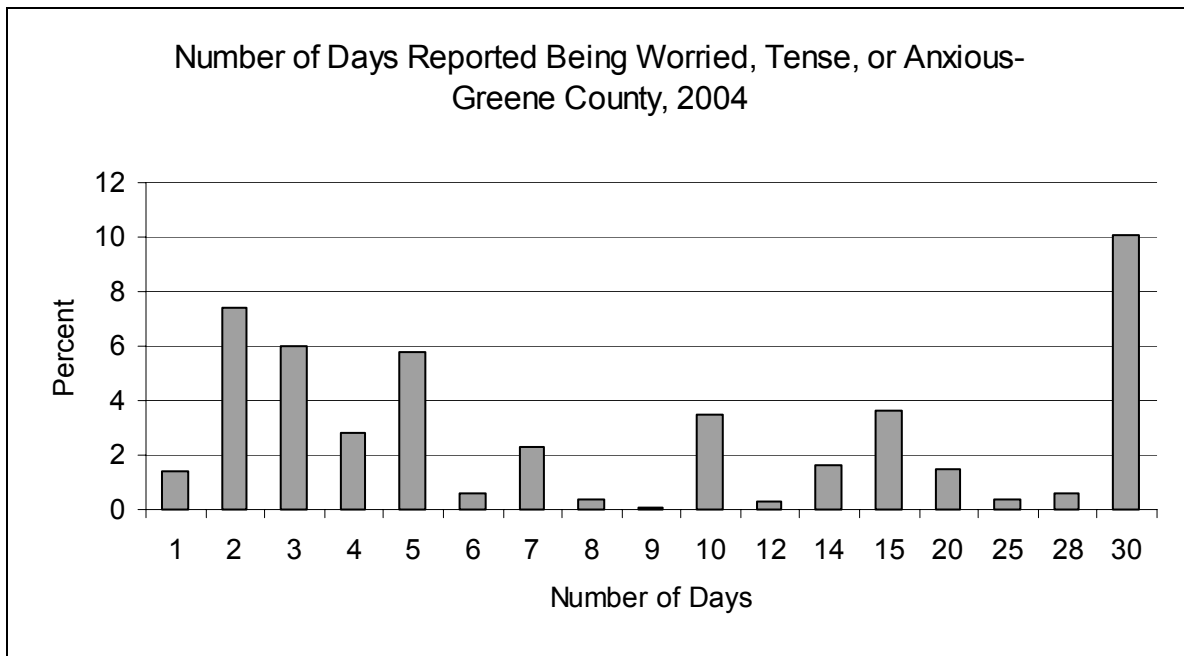
18 to 40	Age 40 to 65	Over 65
2.9	3.4	0.0



n=797



n=796



n=796

Number of Days In Past Month When Respondent's Mental Health Was Not Good (Stress, Depression, Emotions) By Age Group-Greene County, 2004		
	Mean	Standard Deviation
18 to 40	4.70	12.62
Age 40 to 65	8.04	19.77
Over Age 65	5.40	20.07
Total Population (n=785)	6.09	17.11

Number of Days In Past Month When Respondent's Mental Health Was Not Good (Stress, Depression, Emotions) By Area-Greene County, 2004		
	Mean	Standard Deviation
North Springfield	7.42	19.04
South Springfield	5.52	16.07
Rural Greene County	5.43	17.31
Total Population (n=796)	6.35	17.66

Number of Days In Past Month When Respondent's Mental Health Was Not Good (Stress, Depression, Emotions) By Household Income-Greene County, 2004		
	Mean	Standard Deviation
Less Than \$20,000	11.12	22.31
\$20,000 to \$29,999	5.75	16.49
\$30,000 to \$49,999	2.99	6.66
\$50,000 or More	4.72	13.68

Number of Days In Past Month When Respondent's Mental Health Was Not Good (Stress, Depression, Emotions) By Educational Attainment-Greene County, 2004		
	Mean	Standard Deviation
Never Attended School	0.67	1.15
Grades 1-8	7.09	22.03
Grades 9-12	6.90	14.82
High School Graduate/GED	5.50	16.84
Some College	6.99	18.37
Bachelors Degree or Higher	6.32	17.85

Number of Days In Past Month When Respondent Felt "Sad, Blue, or Depressed" By Age Group-Greene County, 2004		
	Mean	Standard Deviation
18 to 40	4.06	10.98
Age 40 to 65	6.94	17.36
Over Age 65	6.64	21.52
Total Population (n=786)	5.6	15.88

Number of Days In Past Month When Respondent Felt "Sad, Blue, or Depressed" By Area-Greene County, 2004		
	Mean	Standard Deviation
North Springfield	6.22	16.20
South Springfield	5.89	17.38
Rural Greene County	4.85	15.08
Total Population (n=797)	5.86	16.47

Number of Days In Past Month When Respondent Felt "Sad, Blue, or Depressed" By Household Income-Greene County, 2004		
	Mean	Standard Deviation
Less Than \$20,000	9.34	18.62
\$20,000 to \$29,999	5.94	16.37
\$30,000 to \$49,999	4.51	14.37
\$50,000 or More	3.24	7.60

Number of Days In Past Month When Respondent Felt “Sad, Blue, or Depressed” By Educational Attainment-Greene County, 2004		
	Mean	Standard Deviation
Never Attended School	5.67	8.14
Grades 1-8	3.95	8.32
Grades 9-12	6.79	14.62
High School Graduate/GED	5.93	16.71
Some College	6.83	19.07
Bachelors Degree or Higher	4.29	13.24

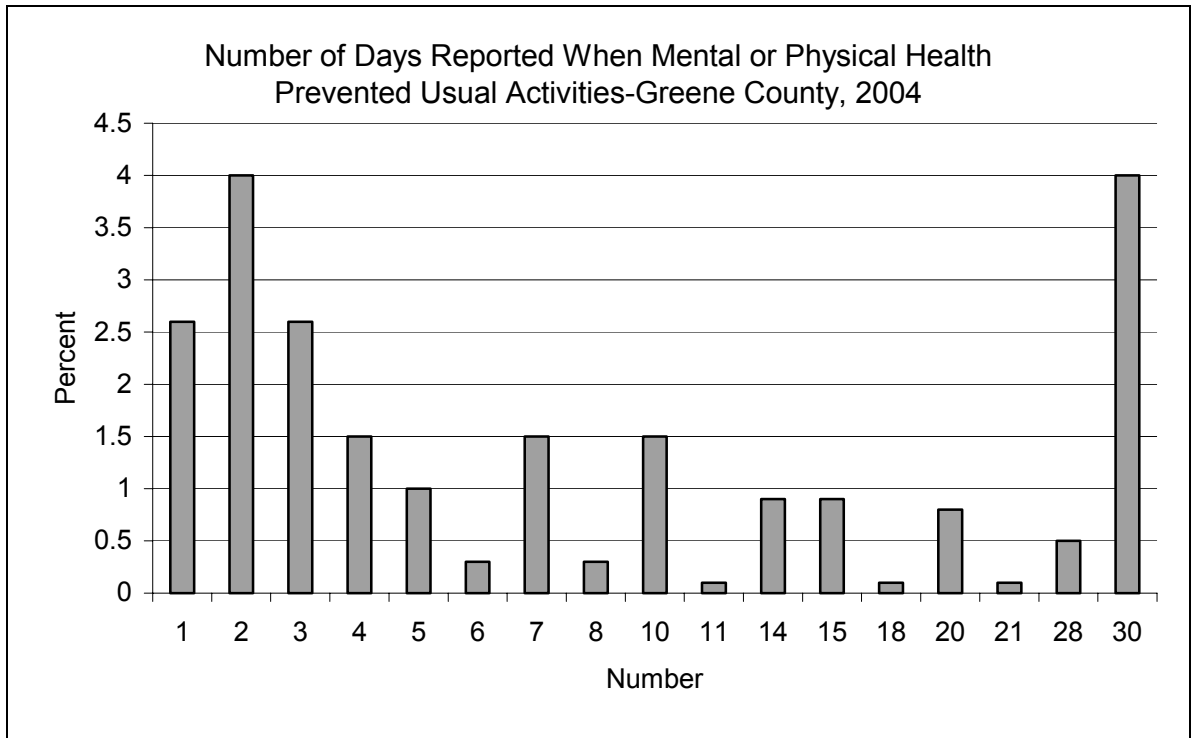
Number of Days In Past Month When Respondent Felt Worried, Tense, or Anxious By Age Group-Greene County, 2004		
	Mean	Standard Deviation
18 to 40	7.88	13.79
Age 40 to 65	8.41	16.46
Over Age 65	7.15	21.73
Total Population (n=785)	7.95	16.47

Number of Days In Past Month When Respondent Felt Worried, Tense, or Anxious By Area-Greene County, 2004		
	Mean	Standard Deviation
North Springfield	9.08	17.73
South Springfield	7.22	15.66
Rural Greene County	7.86	17.90
Total Population (n=796)	8.16	17.00

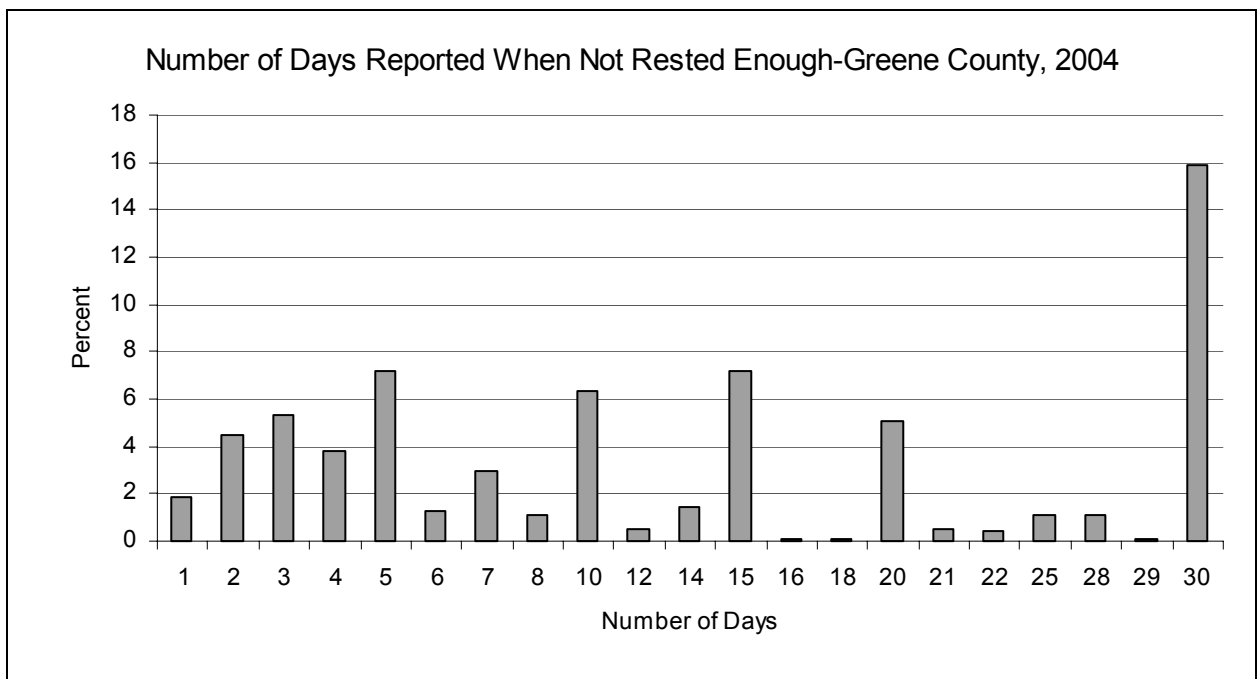
Number of Days In Past Month When Respondent Felt Worried, Tense, or Anxious By Household Income-Greene County, 2004		
	Mean	Standard Deviation
Less Than \$20,000	12.41	20.29
\$20,000 to \$29,999	8.94	15.36
\$30,000 to \$49,999	5.46	10.55
\$50,000 or More	6.84	12.61

Number of Days In Past Month When Respondent Felt Worried, Tense, or Anxious By Educational Attainment-Greene County, 2004

	Mean	Standard Deviation
Never Attended School	10.00	17.32
Grades 1-8	3.95	9.26
Grades 9-12	10.15	18.99
High School Graduate/GED	7.18	15.74
Some College	7.96	16.40
Bachelors Degree or Higher	8.74	18.19



n=797



n=797

Diet/Exercise/Weight

Diet, exercise, and weight are very important components to overall health. Proper levels of these components are necessary to help maintain health and to help avoid diseases such as cancer, cardiovascular disease, and diabetes.

Nutrition and Exercise Questions-Greene County, 2004		
	Yes	No
Are You Eating Fewer High Fat and High Cholesterol Foods to Avoid Heart Disease and Stroke?	59.7	39.8
Are You Eating More Fruits and Vegetables?	77.2	22.6
Has a Health Care Provider Advised You To Lose Weight in Last Year?	9.5	
Are You Trying To Lose Weight?	42.5	57.4
Are You Trying To Maintain Your Current Weight?	64	35.5
Are You Using Physical Activity or Diet To Lose or Maintain Weight?	57.5	41.9
Are You Being More Physically Active?	73.6	26.3
Have You Participated In Any Physical Activities or Exercises Besides Job in Past Month?	75.8	23.7
Are You Limited in Physical Activity Because of Physical, Mental, or Emotional Problems?	21.2	78.4

N=802

Percentage of Those Who Have Participated in Physical Activity in the Past Month By Self-Reported Weight Status-Greene County, 2004		
	Yes	No
Very Underweight	62.5	37.5
Underweight	65.0	35.0
About Right	75.6	24.4
Overweight	80.8	19.2
Very Overweight	71.8	28.2
Total	76.4	23.6

Percentage of Those Who Are Using Physical Activity or Exercise to Lose or Maintain Weight By Self-Reported Weight Status-Greene County, 2004		
	Exercising to Lose or Maintain Weight	
	Yes	No
Very Underweight	25.0	75.0
Underweight	20.0	80.0
About Right	50.7	49.3
Overweight	70.9	29.1
Very Overweight	70.5	29.5
Total	58.1	41.9

Percent of Respondents Who Are Trying to Lose Weight By Self-Reported Weight Status-Greene County, 2004		
	Trying to Lose Weight	
	Yes	No
Very Underweight	12.5	87.5
Underweight	5.0	95.0
About Right	19.1	80.9
Overweight	69.1	30.9
Very Overweight	82.1	17.9
Total	42.6	57.4

Percentage of Those Who Are Using Physical Activity or Exercise to Lose or Maintain Weight By Age Group-Greene County, 2004			
	18 to 40	Age 40 to 65	Over 65
Yes	83.6	76.0	58.0
No	16.4	24.0	42.0

Percentage of Those Who Have Participated in Physical Activity in the Past Month By Household Income-Greene County, 2004				
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Yes	67.3	69.7	81.9	88.9
No	32.7	30.3	18.1	11.1

Percentage of Those Who Have Participated in Physical Activity in the Past Month By Educational Attainment-Greene County, 2004					
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Yes	47.9	75.8	79.6	85.8	76.1
No	52.1	24.2	20.4	14.2	23.9

Weight Condition Analysis

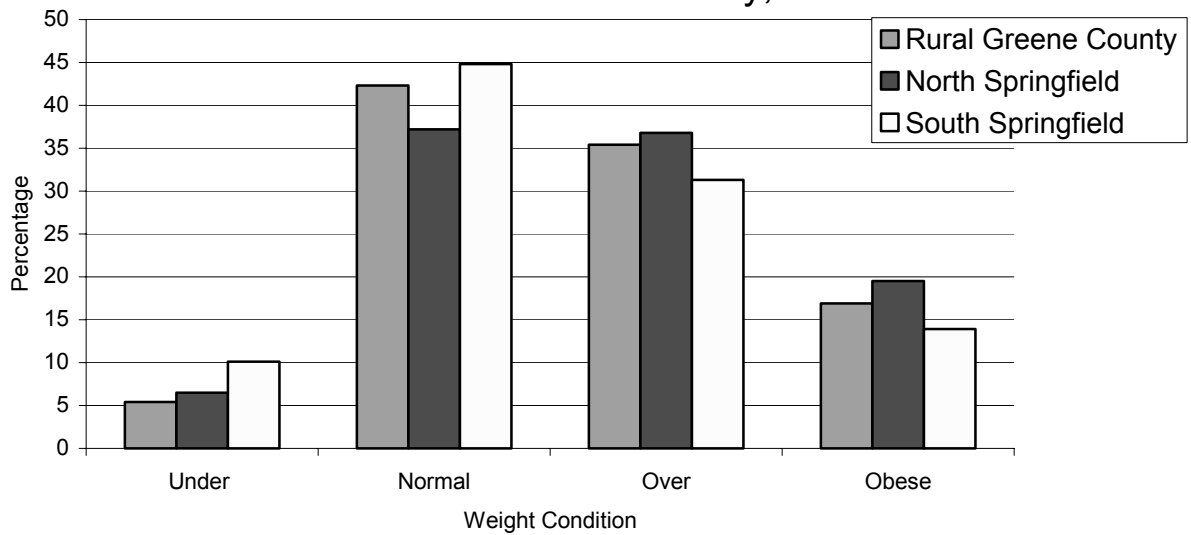
The following Basal Metabolic Index (BMI) numbers were calculated using the height and weight values reported by the survey respondents. Using standard BMI calculations the categories of underweight (BMI less than 20), normal (BMI= 20 to 25), overweight (BMI= 25-30), and obese (BMI= more than 30) were determined. This data was then analyzed according to certain demographic, socioeconomic, and other characteristics as reported by the respondents. Additionally, the BMI of each respondent was compared to the self-reported weight status of the respondent.

According to this statistical analysis, a Pearson's r correlation coefficient of 0.660 was observed, while a perfect correlation between the two variables would have returned a value of 1.00. This value indicates that there was a moderate positive relationship between BMI and self-reported weight status. From this moderate relationship it can be seen that only some individuals correctly judged their weight status as determined by BMI.

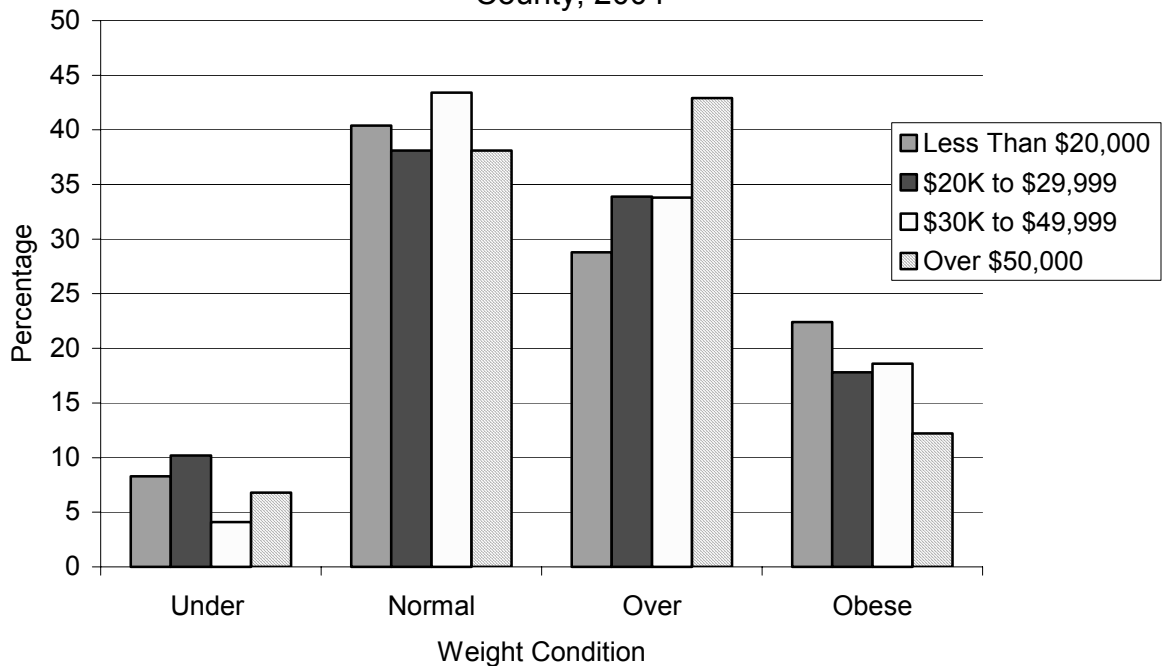
Weight Condition-Greene County, 2004	
BMI	Percent
Underweight	7.8
Normal	40.1
Overweight	34.7
Obese	16.8

BMI Determined Weight Condition by Area of Residence-Greene County, 2004				
	Percentage			
	Under Weight	Normal Weight	Over Weight	Obese
Rural Greene County	5.4	42.3	35.4	16.9
North Springfield	6.5	37.2	36.8	19.5
South Springfield	10.1	44.8	31.3	13.9

BMI Determined Weight Condition By Area of Residence-Greene County, 2004

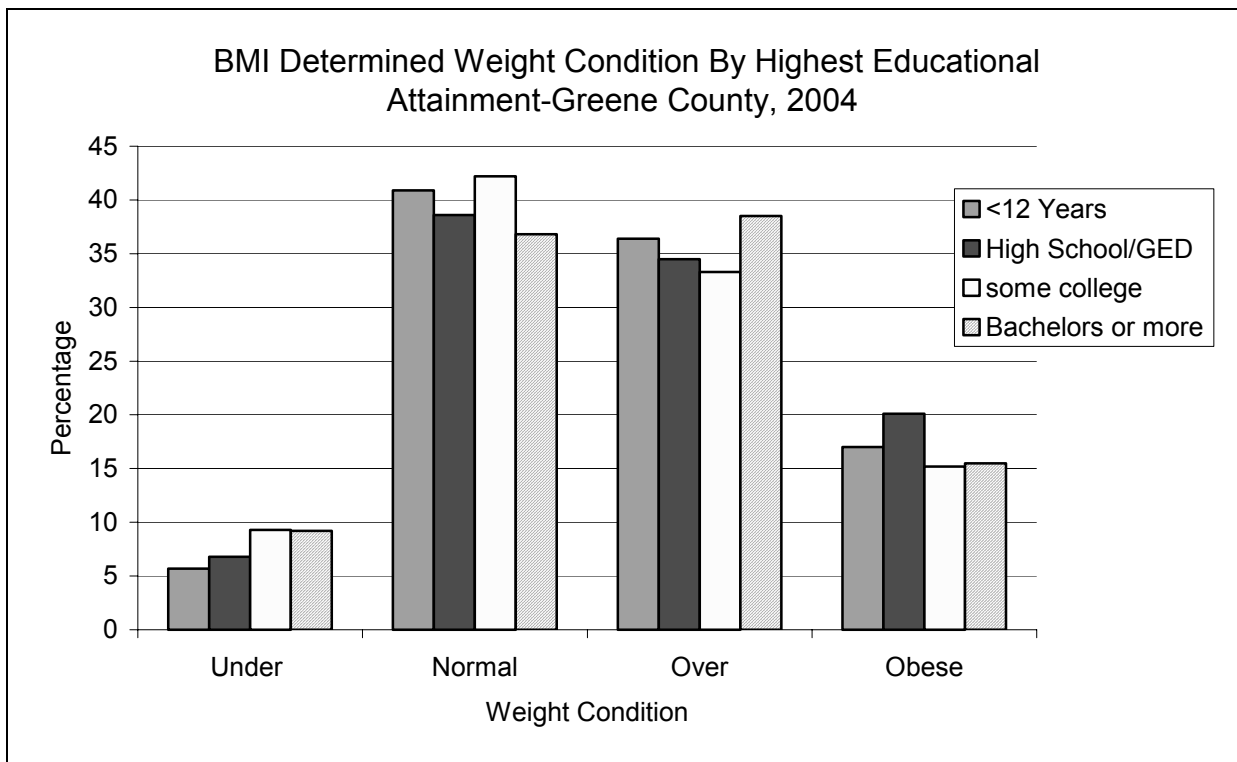


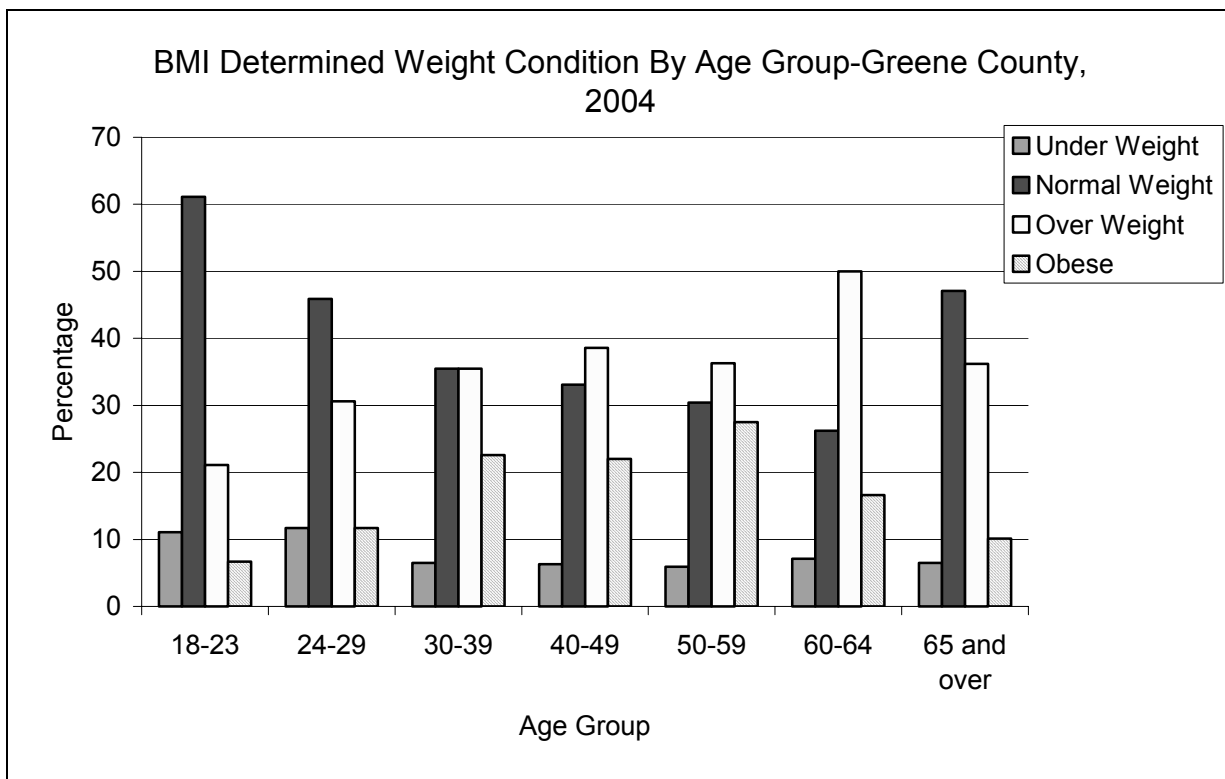
BMI Determined Weight Condition By Household Income-Greene County, 2004



BMI Determined Weight Condition By Household Income-Greene County, 2004					
	Percentage				
	Under Weight	Normal Weight	Over Weight	Obese	Total
Less Than \$20,000	8.3	40.4	28.8	22.4	156
\$20,000 to \$29,999	10.2	38.1	33.9	17.8	118
\$30,000 to \$49,999	4.1	43.4	33.8	18.6	145
\$50,000 or More	6.8	38.1	42.9	12.2	147
					566

BMI Determined Weight Condition by Educational Attainment-Greene County, 2004					
	Percentage				
	Under Weight	Normal Weight	Over Weight	Obese	Total
<12 Years	5.7	40.9	36.4	17.0	88
High School/GED	6.8	38.6	34.5	20.1	249
Some College	9.3	42.2	33.3	15.2	204
Bachelors and Beyond	9.2	36.8	38.5	15.5	174
					715





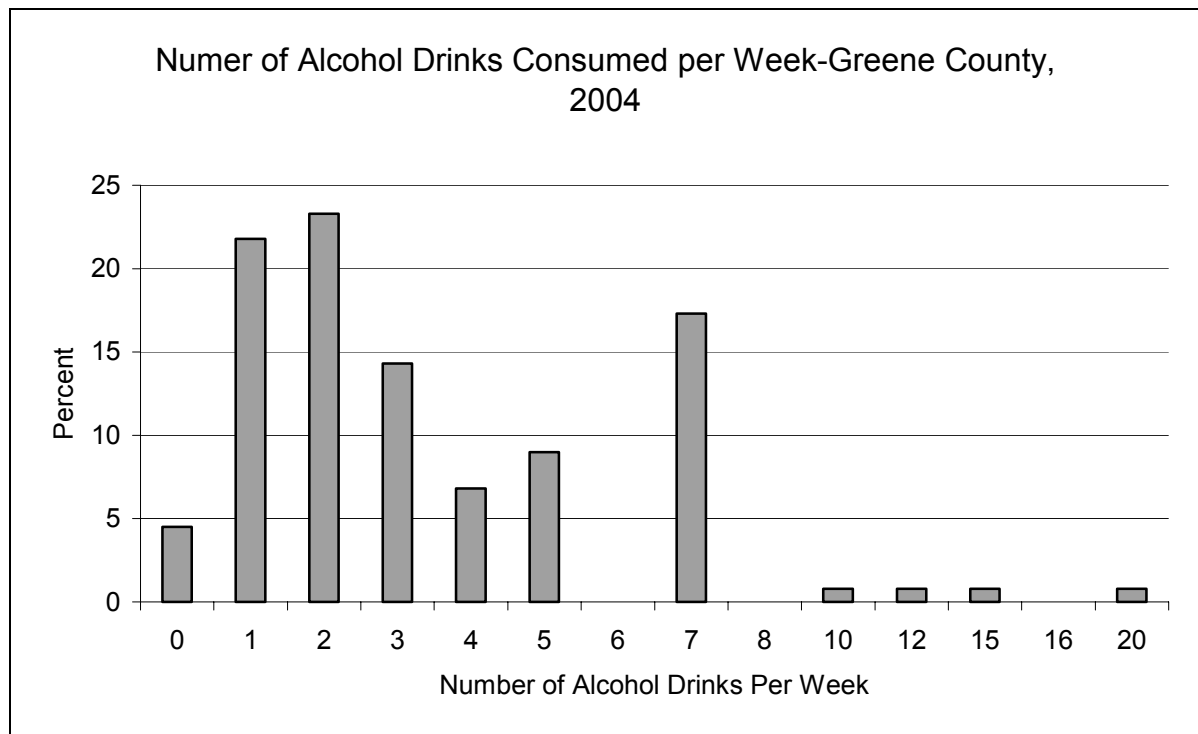
BMI Determined Weight Condition By Age Group-Greene County, 2004					
	Percentage				
Age	Under Weight	Normal Weight	Over Weight	Obese	Total
18-23	11.1	61.1	21.1	6.7	90
24-29	11.7	45.9	30.6	11.7	111
30-39	6.5	35.5	35.5	22.6	124
40-49	6.3	33.1	38.6	22.0	127
50-59	5.9	30.4	36.3	27.5	102
60-64	7.1	26.2	50.0	16.6	42
65 and Over	6.5	47.1	36.2	10.1	138
					734

Alcohol Issues

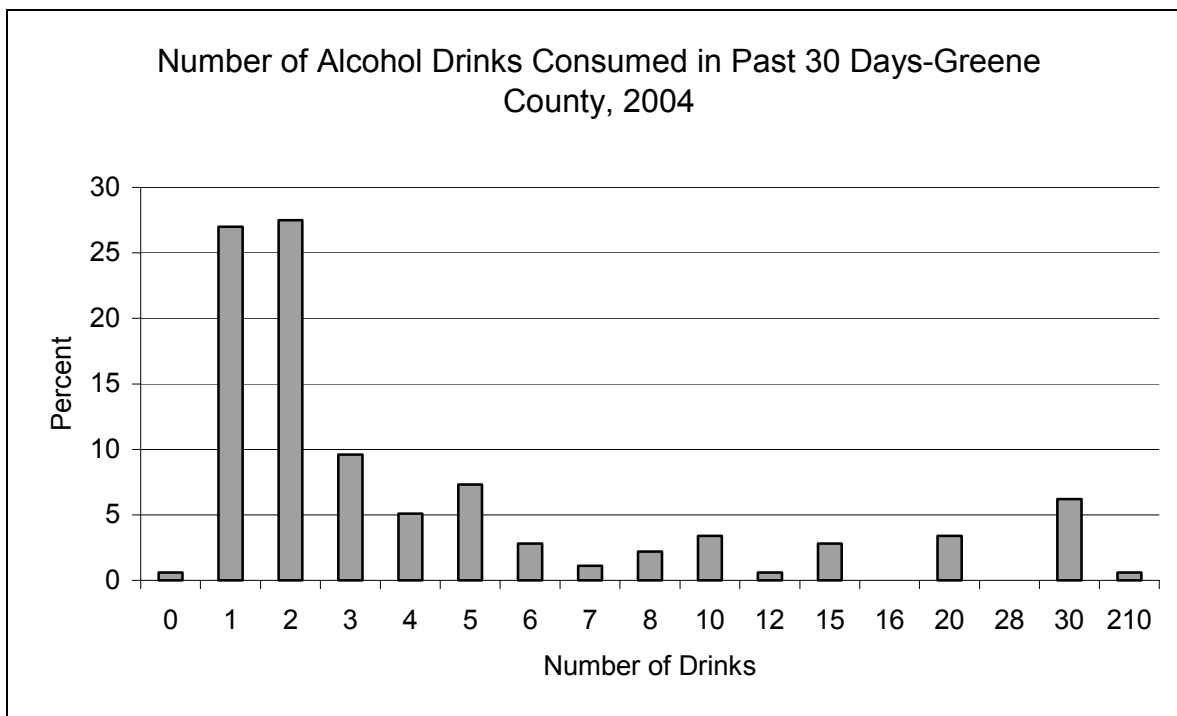
Excessive alcohol consumption can lead to a variety of negative health consequences including liver damage, weight gain, and nutritional deficiencies. In the following tables, questions regarding alcohol use and behaviors are presented. In Greene County, 39% of survey respondents indicated that they had consumed alcohol during the past month.

Alcohol Consumption in Past 30 Days-Greene County Health Survey, 2004	
	Percent
No Alcohol Consumption in Past Month	59.3
Alcohol Consumption in Past Month	39.0
Don't Know	1.6

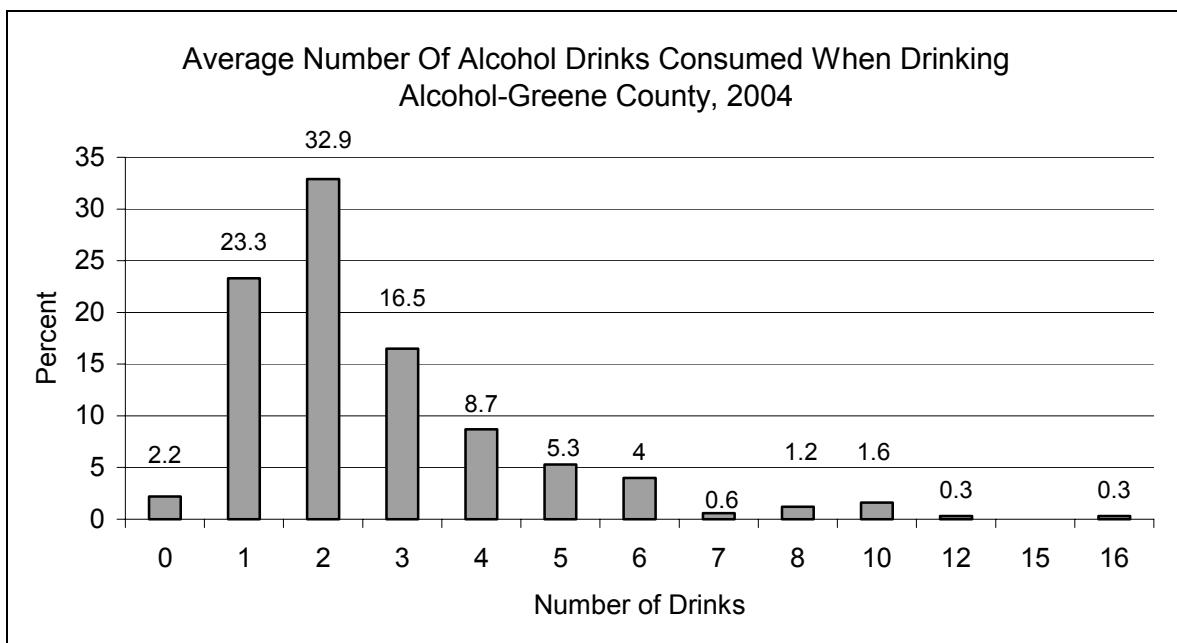
n=796



n=133

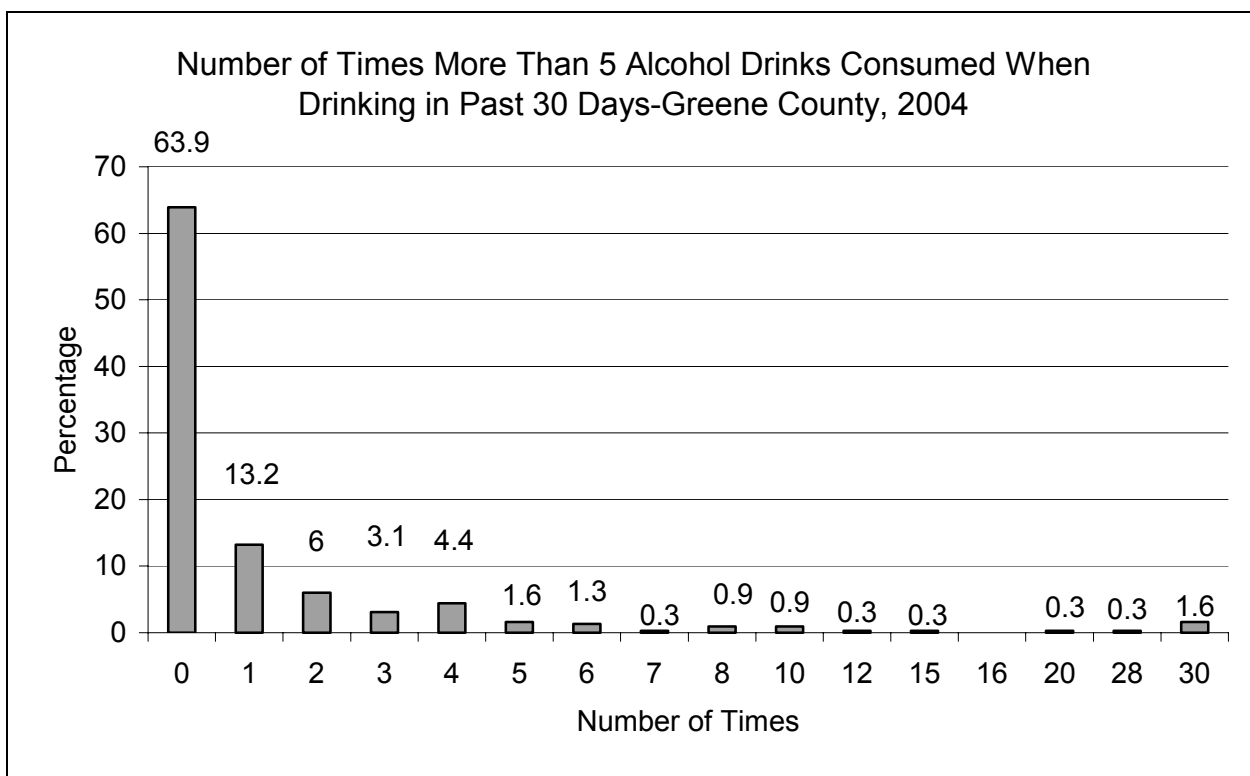


n=178



n=322

Alcohol Use and Vehicle Operation-Greene County, 2004		
	Percent	
Number of Times	Drove (n=320)	Rode With Someone Who Had Been Drinking (n=786)
0	88.8	95.3
1	5.0	1.9
2 or more times	3.1	1.8
4 or 5 times	0.9	0.3
6 or more times	2.2	0.8



n=319

Number of Drinks Per Week By Age Group-Greene County, 2004		
	Mean	Standard Deviation
18 to 40	3.27	3.19
Age 40 to 65	3.67	2.64
Over Age 65	4.38	2.88
Total Population Who Drank	3.49	2.97

Number of Drinks Per Week By Area-Greene County, 2004		
	Mean	Standard Deviation
North Springfield	4.10	3.59
South Springfield	3.20	2.37
Rural Greene County	2.07	1.54
Total Population Who Drank	3.47	2.96

Number of Drinks Per Week By Household Income-Greene County, 2004		
	Mean	Standard Deviation
Less Than \$20,000	4.93	3.61
\$20,000 to \$29,999	2.68	2.14
\$30,000 to \$49,999	3.31	3.66
\$50,000 or More	3.68	2.76

Number of Drinks Per Week By Educational Attainment-Greene County, 2004		
	Mean	Standard Deviation
Less than High School Graduate	4.00	3.25
High School Graduate/GED	3.57	2.60
Some College	3.41	3.60
Bachelors Degree or Higher	3.43	2.83

Average Number of Alcohol Drinks On Days When Drinking By Age Group-Greene County, 2004		
	Mean	Standard Deviation
18 to 40	4.08	10.07
Age 40 to 65	5.92	18.00
Over Age 65	5.96	20.07
Total Population Who Drank	4.85	14.11

Average Number of Alcohol Drinks On Days When Drinking By Area-Greene County, 2004		
	Mean	Standard Deviation
North Springfield	7.05	18.73
South Springfield	3.07	8.24
Rural Greene County	5.98	17.99
Total Population Who Drank	5.13	14.99

Average Number of Alcohol Drinks On Days When Drinking By Household Income-Greene County, 2004		
	Mean	Standard Deviation
Less Than \$20,000	8.81	22.40
\$20,000 to \$29,999	4.87	14.00
\$30,000 to \$49,999	2.62	2.18
\$50,000 or More	2.30	1.77

Average Number of Alcohol Drinks On Days When Drinking By Educational Attainment-Greene County, 2004		
	Mean	Standard Deviation
Less than High School Graduate	9.71	22.93
High School Graduate/GED	6.11	16.54
Some College	6.34	18.51
Bachelors Degree or Higher	2.22	1.48

Number of Times In Past Month When Respondent Consumed More Than 5 Alcohol Drinks On Days When Drinking By Age Group-Greene County, 2004		
	Mean	Standard Deviation
18 to 40	1.58	3.97
Age 40 to 65	4.52	16.72
Over Age 65	4.68	20.86
Total Population Who Drank (n=320)	2.82	11.69

Number of Times In Past Month When Respondent Consumed More Than 5 Alcohol Drinks On Days When Drinking By Area-Greene County, 2004		
	Mean	Standard Deviation
North Springfield	3.88	13.30
South Springfield	2.33	11.89
Rural Greene County	3.30	13.99
Total Population Who Drank (n=319)	3.11	12.82

Number of Times In Past Month When Respondent Consumed More Than 5 Alcohol Drinks On Days When Drinking By Household Income-Greene County, 2004		
	Mean	Standard Deviation
Less Than \$20,000	4.49	14.77
\$20,000 to \$29,999	1.77	3.37
\$30,000 to \$49,999	1.42	3.85
\$50,000 or More	2.56	11.29

Number of Times In Past Month When Respondent Consumed More Than 5 Alcohol Drinks On Days When Drinking By Educational Attainment-Greene County, 2004		
	Mean	Standard Deviation
Less than High School Graduate	5.76	11.32
High School Graduate/GED	3.52	11.23
Some College	3.73	16.44
Bachelors Degree or Higher	1.65	10.09

Percentage of Respondents Who Reported Driving A Vehicle After Alcohol Use, or Riding In a Vehicle With A Driver Who Had Been Drinking During the Past Month-Greene County, 2004		
	Percent	
Area	Driving	Riding
North Springfield	12.1	4.9
South Springfield	9.3	4.9
Rural Greene County	14.3	3.7
Total	11.3	4.7
Age Group		
18 to 40	12.0	7.7
40 to 65	11.0	3.1
Over 65*	14.3	1.4
Total	11.4	4.9
Household Income		
Less than \$20,000	17.3	6.1
\$20,000 to \$29,999	6.8	6
\$30,000 to \$49,999	14.7	5.4
\$50,000 or More	12.4	4
Educational Attainment		
High School Graduate or Less	11.3	4.2
Some College	9.0	4.6
Bachelors Degree and Beyond	14.0	6.0

*The Over 65 age group in this analysis had only a few respondents, which has resulted in inflation of the values.

Health Survey Responses By Respondent Characteristics

Community Health Characteristics of Greene County Residents		
	Percent	
	Yes	No
Health Insurance		
Do you have health insurance?	82.8	17.1
Do you have dental insurance?	42.5	56.5
Health Care		
Do you have a personal doctor or health care provider?	74.9	24.9
Was there a time in the past 12 months when you tried to get medical care but couldn't?	11.1	88.4
Diabetes		
Are you currently taking insulin for your diabetes?	28.1	71.9
Have you taken a course or class to learn how to manage your diabetes?	56.1	42.1
Women's Health		
Have you had a clinical breast exam?	86.2	11.9
Have you ever had a pap Smear?	92.8	6.1
Have you had a hysterectomy?	22.7	76.6
Men's Health		
Have you ever had a digital rectal exam?	34.3	64.2
Have you ever had a Prostate Specific Antigen (PSA) Test?	25.6	70.7
Prevention and Screening		
Have you ever had a blood stool test using a home test kit?	25.9	72.6
Have you ever had a sigmoidoscopy or colonoscopy?	20.1	79.1
Have you ever been told by a healthcare professional that you have high blood pressure?	29.1	70.2
Are you taking medicine for your high blood pressure?	69.5	30.5
Have you ever had your blood cholesterol checked?	70.0	27.1
Are you eating fewer high fat and high cholesterol foods to avoid heart disease and stroke?	59.7	39.8
Are you eating more fruits and vegetables?	77.2	22.6
Are you being more physically active?	73.6	26.3
Have you ever been taught about HIV/AIDS in school?	43.0	16.6
Have you had a flu shot last year?	39.3	60.5
Has a physician talked to you about preventing STDs through condom use?	17.2	82.3
Are you using physical activity or diet to lose or maintain weight?	57.5	41.9
Has a health care provider advised you to lose weight in last year?	9.5	
Are you limited in physical activity because of physical, mental, or emotional problems?	21.2	78.4
Have you participated in any physical activities or exercises besides job in past month?	75.8	23.7
Are you trying to lose weight?	42.5	57.4
Are you trying to maintain your current weight?	64.0	35.5
Mental Health		
Have you seriously considered suicide in past 12 months?	2.6	96.4
Did you plan your suicide in past 12 months?	42.9	57.1

Survey Questions by Gender-Greene County, 2004			
	Male	Female	Total
	% Yes	% Yes	% Yes
Do you have health care coverage?	76.3	87.0	82.8
Do you have dental insurance?	40.4	44.4	42.6
Do you have a personal doctor or health care provider?	68.1	79.0	74.6
Was there a time in the past 12 mos. you needed medical care but couldn't get it?	7.6	13.5	11.1
Ever been told by a health professional that you have asthma	11.4	11.4	11.4
Ever been told by a health professional that you have diabetes	7.3	7.0	7.1
Have you had a clinical breast exam?		86.2	
Have you ever had a Pap smear?		92.8	
Have you had a hysterectomy?		22.7	
Have you ever had a PSA (Prostate-Specific Antigen) test?	26.2		
Have you ever had a digital rectal exam?	34.5		
Have you ever had a blood stool test using a home tool kit?	20.8	29.4	26.0
Have you ever had a sigmoidoscopy or a colonoscopy exam?	14.8	23.7	20.2
Have you ever had your blood cholesterol checked?	65.3	73.1	70.0
Has a health care professional told you that your blood cholesterol is high?	30.6	36.5	34.3
Has a health care professional said that you have high blood pressure?	25.0	31.9	29.2
Are you eating fewer high fat or high cholesterol foods to avoid heart disease and strokes?	54.7	63.5	60.0
Are you eating more fruits and vegetables?	71.5	81.2	77.4
Are you being more physically active?	75.1	72.7	73.7
Have you ever been taught about AIDS or HIV infection in school? (Those Who Were in School After HIV/AIDS Known)	72.0	71.3	72.2
Have you had a flu shot during the past 12 mos.?	36.6	41.2	39.4
Have you participated in any physical activities or exercises, other than your job, in the past mo.?	76.0	76.0	76.0
Are you trying to lose weight?	31.5	49.8	42.6
Are you using physical activity or exercise to lose or maintain weight?	50.6	62.2	57.6
Would you say that your health is poor?	6.9	4.1	5.2
Are you limited in physical activities because of physical, mental, or emotional problems?	19.6	22.4	21.3

Survey Questions by Household Income-Greene County, 2004

	Income Range			
	<\$20K	\$20K-\$50K	Over \$50K	Total
Do you have health care coverage?	80.0	81.9	86.3	82.5
Do you have dental insurance?	23.6	51.9	56.2	45.1
Do you have a personal doctor or health care provider?	64.8	68.5	73.9	68.9
A time in the past 12 mos. you needed medical care but couldn't get it	18.9	10.7	3.9	11.2
Ever been told by a health professional that you have asthma	18.2	11.1	7.2	12.1
Ever been told by a health professional that you have diabetes	9.1	6.7	3.9	6.6
Have you had a clinical breast exam?	83.3	90.0	95.3	89.2
Have you ever had a pap smear?	90.7	95.3	96.5	94.2
Have you had a hysterectomy?	34.3	17.9	11.6	21.4
Have you ever had a PSA (Prostate-Specific Antigen) test?	24.6	28.8	26.9	27.3
Have you ever had a digital rectal exam?	31.6	35.6	40.3	36.0
Have you ever had a blood stool test using a home tool kit?	25.5	20.7	21.6	22.3
Have you ever had a sigmoidoscopy or a colonoscopy exam?	24.2	16.4	15.0	18.2
Have you smoked at least 100 cigarettes in your life?	55.2	54.4	40.5	51.0
Have you ever had your blood cholesterol checked?	64.8	64.8	80.4	68.9
Has a health care professional told you that your blood cholesterol is high?	48.6	31.4	33.3	36.5
Has a health care professional said that you have high blood pressure?	36.4	27.0	20.9	28.1
Are you eating fewer high fat or high cholesterol foods to avoid heart disease and strokes?	53.3	57.1	71.9	59.9
Are you eating more fruits and vegetables?	75.2	74.8	83.6	77.2
Are you being more physically active?	75.2	73.3	79.7	75.5
Have you ever been taught about AIDS or HIV infection in school? (those who were in school after HIV/AIDS known)	36.4	51.1	54.2	47.8
Have you had a flu shot during the past 12 mos.?	40.0	33.7	38.6	36.7
Have you participated in any physical activities or exercises, other than your job, in the past mo.?	67.3	75.9	88.9	76.9
Are you trying to lose weight?	38.2	46.3	51.6	45.4
Are you using physical activity or exercise to lose or maintain weight?	49.1	57.2	71.2	58.6
Would you say that your health is poor?	12.7	3.3	1.3	5.4
Are you limited in physical activities because of physical, mental, or emotional problems?	33.3	17.0	9.2	19.6

Survey Questions by Marital Status-Greene County, 2004			
	Married	Not Married	Total
Do you have health care coverage?	87.0	79.1	83.0
Do you have dental insurance?	51.7	33.9	42.7
Do you have a personal doctor or health care provider?	74.2	65.8	70.0
A time in the past 12 mos. you needed medical care but couldn't get it	10.7	10.8	10.8
Ever been told by a health professional that you have asthma	10.5	12.3	11.4
Ever been told by a health professional that you have diabetes	9.2	5.0	7.1
Have you had a clinical breast exam?	88.1	84.7	86.4
Have you ever had a pap smear?	94.4	90.9	92.7
Have you had a hysterectomy?	16.2	29.6	22.8
Have you ever had a PSA (Prostate-Specific Antigen) test?	32.3	19.6	25.7
Have you ever had a digital rectal exam?	41.3	27.4	34.1
Have you ever had a blood stool test using a home tool kit?	27.4	24.6	26.0
Have you ever had a sigmoidoscopy or a colonoscopy exam?	21.0	19.6	20.3
Have you smoked at least 100 cigarettes in your life?	45.0	54.8	49.9
Have you ever had your blood cholesterol checked?	73.4	67.6	70.5
Has a health care professional told you that your blood cholesterol is high?	34.1	34.2	34.2
Has a health care professional said that you have high blood pressure?	28.4	29.9	29.2
Are you eating fewer high fat or high cholesterol foods to avoid heart disease and strokes?	62.1	57.0	59.5
Are you eating more fruits and vegetables?	76.9	77.9	77.4
Are you being more physically active?	76.2	71.1	73.6
Have you ever been taught about AIDS or HIV infection in school? (those who were in school after HIV/AIDS known)	44.8	41.2	43.0
Have you had a flu shot during the past 12 mos.?	40.4	38.4	39.4
Have you participated in any physical activities or exercises, other than your job, in the past mo.?	77.2	75.1	76.1
Are you trying to lose weight?	49.9	35.2	42.5
Are you using physical activity or exercise to lose or maintain weight?	59.5	56.0	57.7
Would you say that your health is poor?	5.4	5.3	5.3
Are you limited in physical activities because of physical, mental, or emotional problems?	18.4	24.1	21.3

Survey Questions by Household Income-Greene County, 2004

	Zip Code Area			
	North Springfield	South Springfield	Rural Greene	Total
Do you have health care coverage?	78.8	86.5	84.8	82.8
Do you have dental insurance?	36.7	46.0	50.0	42.6
Do you have a personal doctor or health care provider?	70.1	69.6	71.0	70.0
A time in the past 12 mos. you needed medical care but couldn't get it	13.6	9.1	9.4	11.1
Ever been told by a health professional that you have asthma	11.3	11.4	11.6	11.4
Ever been told by a health professional that you have diabetes	8.8	5.5	6.5	7.1
Have you had a clinical breast exam?	79.6	91.8	87.8	86.2
Have you ever had a pap smear?	90.6	94.6	92.6	92.8
Have you had a hysterectomy?	23.3	21.4	24.4	22.7
Have you ever had a PSA (Prostate-Specific Antigen) test?	23.0	32.1	20.0	25.6
Have you ever had a digital rectal exam?	34.2	32.4	38.2	34.3
Have you ever had a blood stool test using a home tool kit?	24.9	29.9	20.3	26.0
Have you ever had a sigmoidoscopy or a colonoscopy exam?	19.0	24.0	14.5	20.2
Have you smoked at least 100 cigarettes in your life?	56.1	44.5	45.7	49.8
Have you ever had your blood cholesterol checked?	67.2	75.4	65.2	70.0
Has a health care professional told you that your blood cholesterol is high?	37.8	32.0	31.1	34.3
Has a health care professional said that you have high blood pressure?	34.2	23.8	28.3	29.2
Are you eating fewer high fat or high cholesterol foods to avoid heart disease and strokes?	56.6	64.4	59.1	60.0
Are you eating more fruits and vegetables?	74.9	79.2	79.7	77.4
Are you being more physically active?	74.0	73.1	73.9	73.7
Have you ever been taught about AIDS or HIV infection in school? (those who were in school after HIV/AIDS known)	39.3	46.3	45.7	43.1
Have you had a flu shot during the past 12 mos.?	35.0	46.1	35.5	39.4
Have you participated in any physical activities or exercises, other than your job, in the past mo.?	71.1	82.5	73.9	76.0
Are you trying to lose weight?	39.3	46.0	43.5	42.6
Are you using physical activity or exercise to lose or maintain weight?	52.4	64.7	55.1	57.6
Would you say that your health is poor?	9.0	1.9	2.9	5.2
Are you limited in physical activities because of physical, mental, or emotional problems?	26.3	17.2	17.4	21.2

Survey Questions by Age Group-Greene County, 2004

	Age Group			
	18 to 40	40 to 65	Over 65	Total
Do you have health care coverage?	77.4	82.7	97.9	83.1
Do you have dental insurance?	52.2	44.7	16.1	42.8
Do you have a personal doctor or health care provider?	57.4	78.0	82.5	69.8
A time in the past 12 mos. you needed medical care but couldn't get it	11.3	13.0	4.9	10.8
Ever been told by a health professional that you have asthma	12.5	11.0	10.5	11.5
Ever been told by a health professional that you have diabetes	1.9	9.3	16.1	7.2
Have you had a clinical breast exam?	87.4	86.2	83.2	86.1
Have you ever had a pap smear?	92.9	97.0	84.4	92.6
Have you had a hysterectomy?	3.0	32.9	45.8	22.8
Have you ever had a PSA (Prostate-Specific Antigen) test?	4.8	33.8	68.1	25.8
Have you ever had a digital rectal exam?	11.6	49.6	61.7	34.4
Have you ever had a blood stool test using a home tool kit?	5.8	34.3	55.2	25.6
Have you ever had a sigmoidoscopy or a colonoscopy exam?	3.5	24.4	51.0	20.1
Have you smoked at least 100 cigarettes in your life?	47.8	53.3	47.6	49.9
Have you ever had your blood cholesterol checked?	50.1	81.3	94.4	70.1
Has a health care professional told you that your blood cholesterol is high?	16.2	37.7	51.9	34.4
Has a health care professional said that you have high blood pressure?	12.8	32.3	62.2	29.2
Are you eating fewer high fat or high cholesterol foods to avoid heart disease and strokes?	55.1	63.9	62.2	59.7
Are you eating more fruits and vegetables?	76.8	76.6	79.7	77.3
Are you being more physically active?	77.7	75.3	60.1	73.6
Have you ever been taught about AIDS or HIV infection in school? (those who were in school after HIV/AIDS known)	78.0	22.6	2.8	43.3
Have you had a flu shot during the past 12 mos.?	25.5	38.7	72.7	39.1
Have you participated in any physical activities or exercises, other than your job, in the past mo.?	83.1	76.0	58.0	75.9
Are you trying to lose weight?	42.9	50.7	26.6	42.9
Are you using physical activity or exercise to lose or maintain weight?	64.5	61.0	35.7	57.9
Would you say that your health is poor?	0.6	9.3	8.4	5.3
Are you limited in physical activities because of physical, mental, or emotional problems?	9.9	27.3	34.3	20.9

Survey Questions by Educational Attainment-Greene County, 2004

	Educational Attainment			
	<High School Grad/GED	High School Grad/GED	Some College or Above	Total
Do you have health care coverage?	79.2	79.1	86.4	83.0
Do you have dental insurance?	21.9	38.8	49.6	42.6
Do you have a personal doctor or health care provider?	67.7	69.8	70.8	70.1
A time in the past 12 mos. you needed medical care but couldn't get it	13.7	9.0	11.8	11.0
Ever been told by a health professional that you have asthma	14.6	10.1	11.8	11.5
Ever been told by a health professional that you have diabetes	9.4	9.0	5.7	7.2
Have you had a clinical breast exam?	74.5	83.9	90.4	86.4
Have you ever had a pap smear?	85.5	90.5	95.4	92.7
Have you had a hysterectomy?	30.9	27.5	17.7	22.4
Have you ever had a PSA (Prostate-Specific Antigen) test?	17.1	25.2	27.6	25.4
Have you ever had a digital rectal exam?	31.7	33.7	35.0	34.1
Have you ever had a blood stool test using a home tool kit?	33.3	28.0	22.6	25.8
Have you ever had a sigmoidoscopy or a colonoscopy exam?	24.0	19.8	19.4	20.1
Have you smoked at least 100 cigarettes in your life?	64.6	56.3	42.7	50.0
Have you ever had your blood cholesterol checked?	65.6	63.8	75.5	70.3
Has a health care professional told you that your blood cholesterol is high?	47.6	40.4	28.4	34.3
Has a health care professional said that you have high blood pressure?	51.0	32.8	21.7	29.1
Are you eating fewer high fat or high cholesterol foods to avoid heart disease and strokes?	55.2	53.2	64.5	59.5
Are you eating more fruits and vegetables?	67.7	76.1	80.2	77.3
Are you being more physically active?	64.6	75.4	74.6	73.6
Have you ever been taught about AIDS or HIV infection in school? (those who were in school after HIV/AIDS known)	27.1	36.9	51.1	43.3
Have you had a flu shot during the past 12 mos.?	43.8	35.4	40.8	39.3
Have you participated in any physical activities or exercises, other than your job, in the past mo.?	47.9	75.3	82.6	75.9
Are you trying to lose weight?	33.3	43.3	44.2	42.6
Are you using physical activity or exercise to lose or maintain weight?	35.4	53.9	65.4	57.9
Would you say that your health is poor?	15.6	5.2	3.1	5.3
Are you limited in physical activities because of physical, mental, or emotional problems?	32.3	21.3	18.4	21.1

Condom Education

Condom use is extremely valuable for preventing the spread of sexually transmitted diseases. Diseases such as gonorrhea, chlamydia, HIV, and Hepatitis B can be prevented through the use of condoms. All of these diseases can result in serious health consequences.

Percentage of Those Respondents Who Reported That A Health Care Professional Has Discussed Condom Use to Prevent STDs By Household Income-Greene County, 2004				
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Yes	16.4	16.0	12.0	14.4
No	83.6	84.0	88.0	85.6

Percentage of Those Respondents Who Reported That A Health Care Professional Has Discussed Condom Use to Prevent STDs By Educational Attainment-Greene County, 2004					
	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Yes	14.7	11.9	26.2	16.8	17.6
No	85.3	88.1	73.8	83.2	82.4

Percentage of Those Respondents Who Reported That A Health Care Professional Has Discussed Condom Use to Prevent STDs By Area-Greene County, 2004				
	North Springfield	South Springfield	Rural Greene County	Total
Yes	18.4	19.5	9.4	17.3
No	81.6	80.5	90.6	82.7

Percentage of Those Respondents Who Reported That A Health Care Professional Has Discussed Condom Use to Prevent STDs By Age Group-Greene County, 2004			
	18 to 40	Age 40 to 65	Over 65
Yes	29.4	10.3	2.8
No	70.6	89.7	97.2

Helmet Use

Few Greene County residents reported the use of helmets during bicycle riding to prevent severe head injuries. These head injuries could result in significant financial losses and disability. The tables below provide information on adult use of helmets when riding bicycles.

Percentage of Respondents Who Used Helmets While Riding A Bike During Past Year By Household Income-Greene County, 2004				
	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Never	56.3	74.2	59.6	61.5
Rarely	3.1	0.0	6.4	0.0
Sometimes	15.6	6.5	12.8	9.2
Most of the Time	0.0	0.0	2.1	6.2
Always	25.0	19.4	19.1	23.1

Percentage of Respondents Who Used Helmets While Riding A Bike During Past Year By Educational Attainment-Greene County, 2004				
	High School Grad/GED or Less	Some College	Bachelors and Beyond	Total
Never	83.6	53.7	56.2	64.3
Rarely	4.5	0.0	2.7	2.4
Sometimes	3.0	13.4	11.0	9.2
Most of the Time	0.0	1.5	5.5	2.4
Always	9.0	31.3	24.7	21.7

Percentage of Respondents Who Used Helmets While Riding A Bike During Past Year By Area -Greene County, 2004				
	North Springfield	South Springfield	Rural Greene County	Total
Never	67.6	60.0	66.0	64.0
Rarely	1.4	2.2	4.0	2.4
Sometimes	11.3	6.7	10.0	9.0
Most of the Time	1.4	3.3	2.0	2.4
Always	18.3	27.8	18.0	22.3

Percentage of Respondents Who Used Helmets While Riding A Bike During Past Year By Age Group-Greene County, 2004			
	18 to 40	Age 40 to 65	Over 65
Never	68.3	58.1	57.1
Rarely	3.2	1.4	0.0
Sometimes	8.7	9.5	14.3
Most of the Time	1.6	4.1	0.0
Always	18.3	27.0	28.6

Seat Belt Use

Seat belt use can prevent many injuries during motor vehicle accidents. However, a significant proportion of survey respondents in Greene County indicated that they did not always buckle up.

Percentage of Respondent Use of Seatbelts During Past Year By Household Income-Greene County, 2004

	Less than \$20,000	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More
Never	4.3	11.7	8.0	3.9
Rarely	6.1	5.0	4.7	3.9
Sometimes	8.0	8.3	6.7	7.8
Most of the Time	9.2	12.5	6.0	8.5
Always	72.4	62.5	74.7	75.8

Percentage of Respondent Use of Seatbelts During Past Year By Educational Attainment-Greene County, 2004

	<High School Grad	High School/GED	Some College	Bachelors and Beyond	Total
Never	14.6	6.4	7.7	3.9	7.1
Rarely	5.2	6.0	5.9	2.5	5.0
Sometimes	7.3	8.6	6.3	4.9	6.9
Most of the Time	6.3	9.4	10.4	6.9	8.6
Always	66.7	69.5	69.7	81.9	72.4

Percentage of Respondent Use of Seatbelts During Past Year By Educational Attainment-Greene County, 2004

	North Springfield	South Springfield	Rural Greene County	Total
Never	8.8	4.5	8.7	7.1
Rarely	7.1	3.2	2.9	4.9
Sometimes	6.8	6.1	9.4	7.0
Most of the Time	8.3	8.7	10.9	8.9
Always	68.9	77.4	68.1	72.1

Percentage of Respondent Use of Seatbelts During Past Year By Age Group-Greene County, 2004

	18 to 40	Age 40 to 65	Over 65
Never	9.0	6.4	4.9
Rarely	5.2	6.4	1.4
Sometimes	9.6	6.4	2.1
Most of the Time	9.3	9.4	7.0
Always	67.0	71.6	84.6